

Case 368 : Narrative

Case Vehicle (A): 1999 Toyota	Vehicle (B): 2002 Ford
Type: Camry LE, 4-door sedan	Type: Taurus SES, 4-door sedan
Driver: 39-year-old female	Driver: 45-year-old male
CDC: 11-FLEW-2, 09-LBEW-3	CDC: 02-RFEW-3, 03-RZAW-3

SITUATION

[1](#) [2](#) [3](#) Early in the morning, case vehicle (A) was traveling south at an unknown speed in a rural area in the southbound lane of a two-lane, two-way asphalt road. The road surface was dry, it was dawn, and the speed limit was 55 mph (89 kph). [4](#) [5](#) Case vehicle (A) was approaching a four-leg intersection that was equipped with stop signs for the east/west traffic and the north/south traffic had the right-of-way. [6](#) [7](#) [8](#) [9](#) Vehicle (B) was traveling west at an unknown speed in the westbound lane of the intersecting, two-lane, asphalt road. Vehicle (B) and case vehicle (A) entered the intersection at the same time and the left-front corner of case vehicle (A) struck the right fender of vehicle (B). [10](#) After the impact, case vehicle (A) rotated clockwise and vehicle (B) rotated counterclockwise, resulting in a side-slap impact between the left quarter panel of case vehicle (A) and the right quarter panel of vehicle (B). [11](#) Case vehicle (A) exited the southwest edge of the intersection and came to rest in a field facing south, as evidenced by broken glass on the ground. [12](#) [13](#) Vehicle (B) also exited the southwest edge of the road and came to rest in the field, facing southwest. Both vehicles were towed from the scene.

The police accident report (PAR) indicates B-level injuries for the driver of case vehicle (A) and she was transported to a local hospital by ambulance. The PAR indicates C-level injuries for the three rear-seat occupants of case vehicle (A), who were also taken to a local hospital by ambulance. The PAR indicates A-level injuries for the driver of vehicle (B), who was taken to a trauma center.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

[14](#) The direct damage to case vehicle (A) from the first impact began at the left-front bumper corner and extended 52-cm across the front bumper, resulting in 34-percent vehicle overlap. The maximum crush was 16 cm at the left-front bumper corner, and the maximum crush above the bumper was 85 cm, for an average crush of 51 cm. [15](#)

Damage from the side-slap impact began at the left-rear corner and extended 80-cm forward along the quarter panel to just behind the left-rear wheel. The maximum crush from the side-slap impact was 32 cm and occurred just forward of the left-rear corner.

[16](#) The direct damage to vehicle (B) from the first impact began at the right-front corner and extended 114-cm rearward along the right fender. The maximum lateral crush was 54 cm at the front of the fender. [17](#) Damage from the side-slap impact began 60-cm behind the rear axle at the edge of the rear taillight, and extended 180-cm forward along the right quarter panel and rear door. The maximum crush was 24 cm and occurred just forward of the right-rear wheel.

[18](#) [19](#) [20](#) [21](#) [22](#) [23](#) [24](#) [25](#) [26](#) [27](#) [28](#) [29](#) [30](#) [31](#) [32](#) [33](#) [34](#) [35](#) Using the WinSMASH crash-reconstruction program and c-values measured for both vehicles, the following impact severities were calculated for the front-to-side and the side-slap impacts:

		Calculated Velocity Change - kph (mph)		
Vehicle	Variable	Total	Longitudinal	Latitudinal
Case Vehicle (A)	delta V	27 (17)	-21 (-13)	17 (11)
Vehicle (B)	delta V	24 (15)	-15 (-10)	-18 (-11)
		Calculated Velocity Change - kph (mph)		
Vehicle	Variable	Total	Longitudinal	Latitudinal
Case Vehicle (A)	delta V	17 (11)	0 (0)	17 (11)
Vehicle (B)	delta V	15 (9)	0 (0)	-15 (-9)

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

[36](#) In the front of case vehicle (A), the left and center portions of the bumper were crushed rearward [37](#) and the bumper cover was separated from the left attachment. [38](#) Both headlight assemblies were broken, the grille was shattered, [39](#) and the hood was crushed and pushed rearward and to the left. The damaged hood latch released, the left hood hinge was separated from its attachment, and the right hood hinge was damaged, but not separated. [40](#) The rear edge of the hood was elevated and cowl damage caused approximately 30% bond separation that extended along the lower portion of the glass. [41](#) The left section of the windshield was cracked, the lower-left corner of the windshield was cracked from contact by the displaced left fender, [42](#) and there was a 90-cm vertical slit in the left portion of the windshield. [43](#) The roof above the windshield header was buckled.

[44](#) On the left side, the front portion of the fender was crushed rearward and to the left. [45](#) The left-front wheel was also pushed to the rear and into the front portion of the door and fender well, which reduced the wheelbase by 23 cm. [46](#) The upper portion of the left A-pillar was crushed to the rear, and the lower portion of the A-pillar was pushed rearward into the forward portion of the door, causing the driver door to be jammed closed. [47](#) The driver door was also crushed, the door glazing was broken out, and the door window frame was bent out, although this damage may have resulted during extrication of the driver when the driver door was pried open. [48](#) The upper and lower portions of the B-pillar were deformed and the upper and lower portions of the C-pillars were crushed to the right during the side-slap impact. [49](#) The left-rear door was buckled, the door window was broken out, [50](#) and the left quarter panel was crushed into the left side of the trunk. The fuel door was damaged and would not close, but there was no damage to the gas cap or the filler nozzle.

[51](#) In the rear, the left corner of the rear bumper was cracked, the left taillight was broken and the left side of the trunk just above the left quarter panel was crushed in. The trunk would not close properly [52](#) and the rear window was broken out.

[53](#) On the right side, the fender was deformed and it was displaced slightly to the right.

[54](#) There was no damage to the upper or lower portions of the right A-, B- or C-pillars and both right-side doors were undamaged and operational. There was no damage to the right-side glazing, [55](#) or to the right-side wheels, and there was no change in the right wheelbase. There was a small buckle in the right quarter panel. There was no other right-side damage.

Interior

[56](#) This vehicle is equipped with steering-wheel and dash-mounted frontal-impact airbags, and both deployed during the frontal impact. [57](#) In the driver area, there was no damage to the steering-wheel airbag, [58](#) but there was a pink lipstick transfer on the lower-right portion of the airbag fabric [59](#) and there were droplets of blood on the center portion. [60](#) The roof was crushed down just forward of the left A-pillar, the headliner was loosened, [61](#) the left A-pillar was displaced rearward, and there were cracks in the windshield. [62](#) [63](#) The spokes of the steering wheel were pulled slightly forward from the steering-wheel hub and the steering-wheel rim was twisted to the left, but there was no rotation of the steering column. [64](#) [65](#) [66](#) The upper and mid portions of the instrument panel and the driver knee bolster were loosened from their attachments, and there were scuff marks on the left side of the knee bolster cover just below the steering column. [67](#) [68](#) The floor in the driver area was buckled, the toe pan was displaced rearward, and [69](#) the kickpanel was crushed to the right. [70](#) Also, the brake pedal was bent to the left, the accelerator pedal was bent to the right, and the parking brake pedal was displaced. [71](#) The interior of the driver door was damaged and the door hardware and armrest were deformed, but this damage may have occurred when the emergency crew pried the door open. [79](#) [80](#) The seatback of the driver seat was pushed forward and to the left and the rear edge of the console between the front seats was cracked. The cup holders were broken, and the armrest cover came off of its attachment.

[72](#) In the center-front area, there was no damage to the roof, the windshield header, or the headliner, but there were cracks radiating across the center of the windshield. There was no damage to the rearview mirror. [73](#) The plastic molding surrounding the controls on the center instrument panel was displaced but there was no damage to the control knobs on the console.

[74](#) In the right-front seating area, there was no damage to the roof, to the windshield header, to the headliner, or to the A-pillar, but there were cracks radiating throughout the right side of the windshield and a [40](#) hole extended vertically in the right-center section of the windshield. [75](#) There was no damage to the dash-mounted airbag or airbag module cover, [76](#) to the glove compartment, [77](#) or to the floor.

[78](#) In the rear section of the vehicle, the glazing of the left-rear door was broken out. The following intrusions were noted and measured:

Location	Component	Distance (cm)	Direction
left front	toe pan	18	to rear
	A-pillar	13	to rear
	roof	7	down
	kick panel	4	to right

OCCUPANT KINEMATICS AND INJURIES

[81](#) The 5-ft, 6-in, 154-lb, 39-year-old female driver was using the three-point belt and the steering-wheel airbag deployed. [82](#) Belt use is indicated by loading marks on the shoulder-belt webbing from the D-ring, [83](#) activation of the belt pretensioner, and the seatbelt being locked in an extended position.

During the frontal impact, the driver moved forward relative to the vehicle interior into the belt restraints, knee bolster, and airbag, and during the sideslap impact she moved to the left relative to the vehicle interior. She sustained a contusion to the left side of the forehead, a laceration under the left eye, and abrasions to the left cheek, [84](#) probably from contact by the deploying airbag, or possibly from the driver-door window glass

during the side-slap impact. She sustained abrasions to the left temporal area, probably from contact with the driver-door window and/or broken glass. [85](#) She sustained contusions to the left and right knees, probably from contact with the knee bolster, as evidenced by scuff marks on, and damage to, the knee bolster.

[86](#) The 13-year-old female, left-rear passenger was not using the three-point belt and during the frontal impact she moved forward into the rear of the driver seatback, as indicated by scuff marks on the fabric and the seatback being pushed forward. During the side-slap impact, she moved to the left relative to the vehicle interior into the interior panel of the left-rear door. [87](#) She sustained several left-side facial injuries, including a bloody nose, an abrasion to the nose, an abrasion and a contusion to the left cheek, and an abrasion to the left eyelid, probably from contact with the back of the driver seatback, but possibly from contact with the interior of the left-rear door, [88](#) as evidenced by a scuff mark on the upper portion of the door panel. She also sustained cervical strain, probably from head contact with the back of the driver seatback, but possibly from head contact with the interior of the left-rear door. She sustained a 1-cm abrasion to the left knee, probably from contact with the back of the driver seatback, as evidenced by scuff marks on the lower section of the seatback fabric.

[89](#) The 10-year-old male, center-rear passenger was reportedly using the three-point belt. [90](#) During the frontal impact, he moved forward into the belt restraints and into contact with the back of the console between the front seats, as evidenced by the cracked plastic cover and damaged armrest. During the left-side impact, he moved to the left relative to the vehicle interior. He sustained an abrasion to the left side of the chest from loading by the shoulder belt during the frontal impact. [91](#) He sustained a laceration to the left shin from contact with the back of the center console between the front seats.

[92](#) The 11-year-old male, right-rear passenger was reportedly using the three-point belt. [93](#) [94](#) During the frontal impact, he moved forward into the belt restraints. During the

left-side impact he moved to the left relative to the vehicle interior. He sustained an abrasion on the right side of the neck and a contusion the right side of the chest from loading by the shoulder belt. He sustained a contusion to the anterior aspect of the right hip from loading by the lap belt.

The following tables [95](#) [96](#) [97](#) [98](#) and attached drawings summarize the injuries for the four occupants.

Occupant: Driver	Age: 39 years	Gender: Female			
Restraints: Three-point belt, steering-wheel airbag	Stature: 168 cm (5 ft, 6 in)	Mass: 70 kg (154 lb)			
Injury Description	A.I.S.	Injury Source			
		Definite	Probable	Possible	
—	—				
Contusion, left side of forehead	1	—	Airbag	Driver-door window	
Laceration, under left eye	1	—	Airbag	Driver-door window	
Abrasions, left cheek	1	—	Airbag	Driver-door window	
Abrasions, left temporal area	1	—	Driver-door window	Broken glass	
Contusion, left knee	1	—	Knee bolster	—	
Contusion, right knee	1	—	Knee bolster	—	
Maximum A.I.S. Level	1	—	—	—	
Injury Severity Score	1	—	—	—	

Occupant: Left rear	Age: 13 years	Gender: Female		
Restraints: None	Stature: Unknown	Mass: 45 kg (100 lb)		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
Bloody nose	1	—	Back of driver seatback	Interior of left-rear door
Abrasion, nose	1	—	Back of driver seatback	Interior of left-rear door
Contusion, left cheek	1	—	Back of driver seatback	Interior of left-rear door
Abrasion, left cheek	1	—	Back of driver seatback	Interior of left-rear door
Abrasion, left eyelid	1	—	Back of driver seatback	Interior of left-rear door
Cervical-spine strain	1	—	Back of driver seatback	Interior of left-rear door
1-cm abrasion, left knee	1	—	Back of driver seatback	—
Maximum A.I.S. Level	1	—	—	—
Injury Severity Score	3	—	—	—

Occupant: Center rear	Age: 10 years	Gender: Male		
Restraints: Three-point belt	Stature: Unknown	Mass: Unknown		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
Abrasion, left side of chest	1	Shoulder belt	—	—
Laceration, left shin	1	Center console between the seats	—	—
Maximum A.I.S. Level	1	—	—	—
Injury Severity Score	1	—	—	—

Occupant: Right rear	Age: 11 years	Gender: Male		
Restraints: Three-point belt	Stature: Unknown	Mass: Unknown		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
Abrasion, right side of neck	1	Shoulder belt	—	—
Contusion, right side of chest	1	Shoulder belt	—	—
Contusion, anterior aspect of right hip	1	Lap belt	—	—
Maximum A.I.S. Level	1	—	—	—
Injury Severity Score	1	—	—	—

CASE NO.: 368-03

CASE VEHICLE: 1999 Toyota

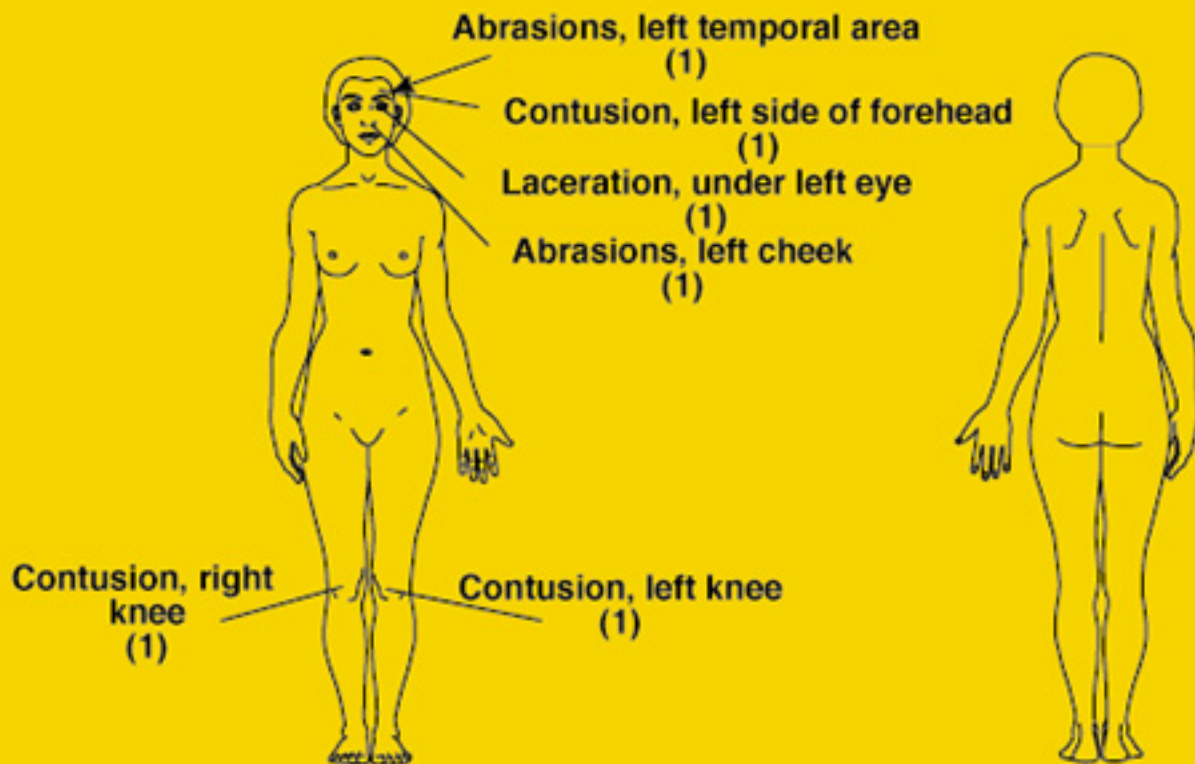
TYPE: Camry LE, 4-door sedan

OCCUPANT: (Driver) 39-year-old female

STATURE: 168 cm (5 ft, 6 in) MASS: 70 kg (154 lb)

RESTRAINTS: 3-point belt, steering-wheel airbag

SEVERITY: MAIS - 1 ISS - 1



CASE NO.: 368-03

CASE VEHICLE: 1999 Toyota

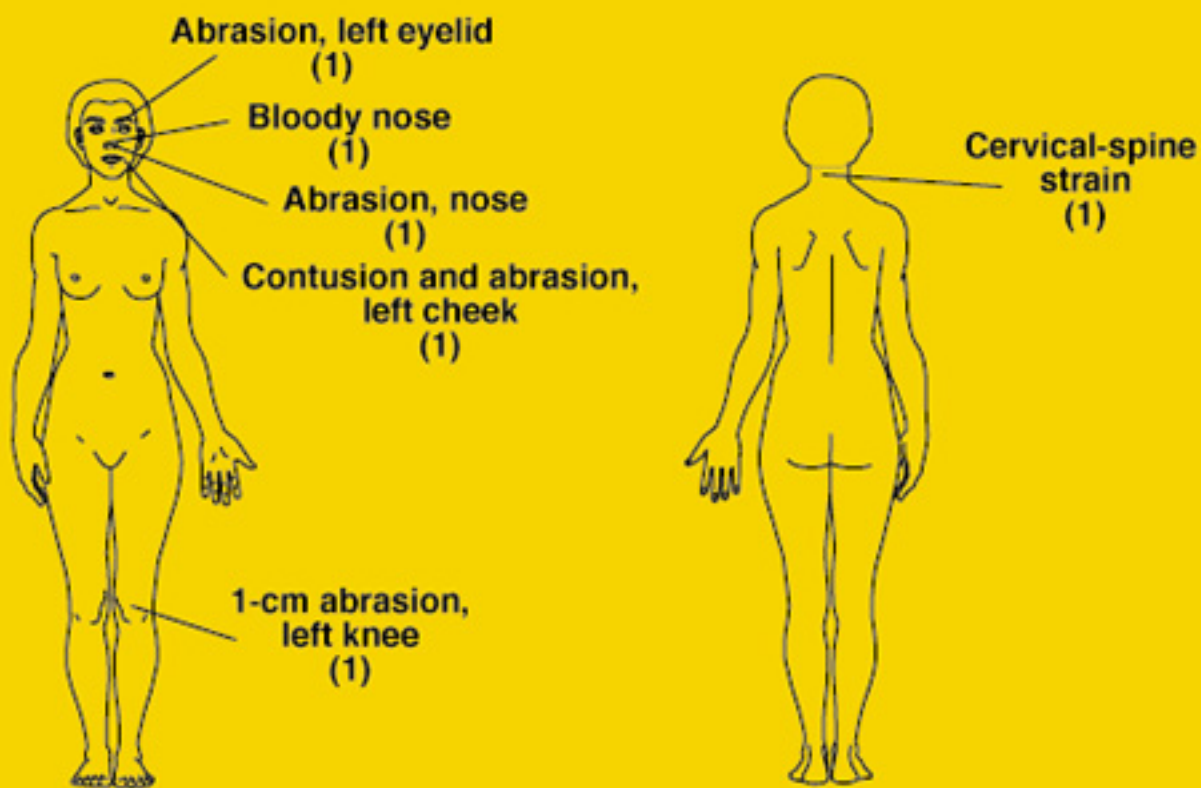
TYPE: Camry LE, 4-door sedan

OCCUPANT: (Left rear) 13-year-old female

STATURE: Unknown MASS: 45 kg (100 lb)

RESTRAINTS: None

SEVERITY: MAIS - 1 ISS - 3



CASE NO.: 368-03

CASE VEHICLE: 1999 Toyota

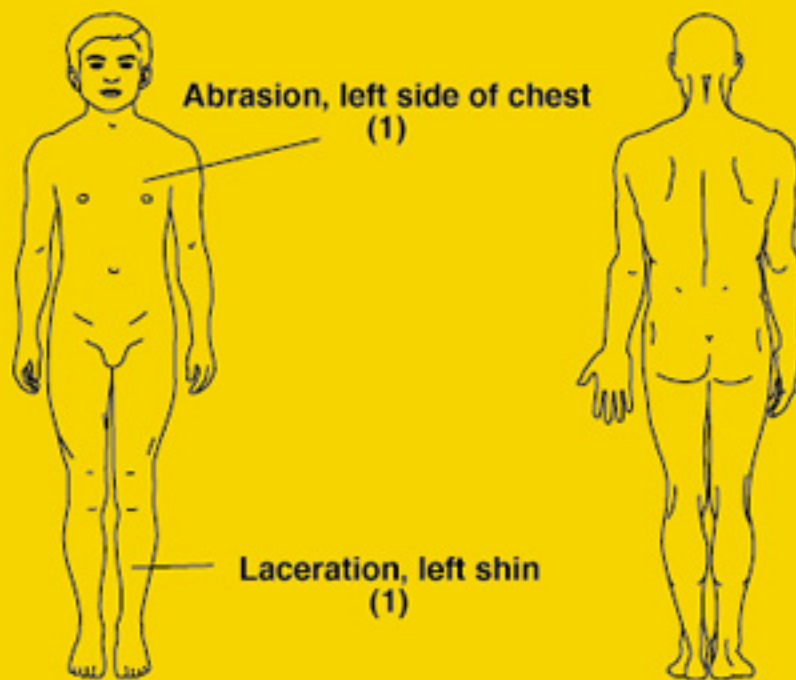
TYPE: Camry LE, 4-door sedan

OCCUPANT: (Center rear): 10-year-old male

STATURE: Unknown MASS: Unknown

RESTRAINTS: 3-point belt

SEVERITY: MAIS - 1 ISS - 1



CASE NO.: 368-03

CASE VEHICLE: 1999 Toyota

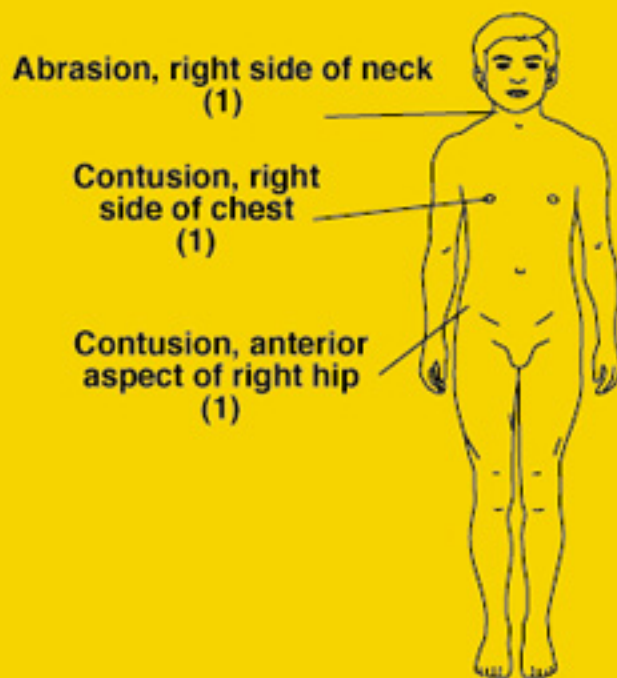
TYPE: Camry LE, 4-door sedan

OCCUPANT: (Right rear): 11-year-old male

STATURE: Unknown MASS: Unknown

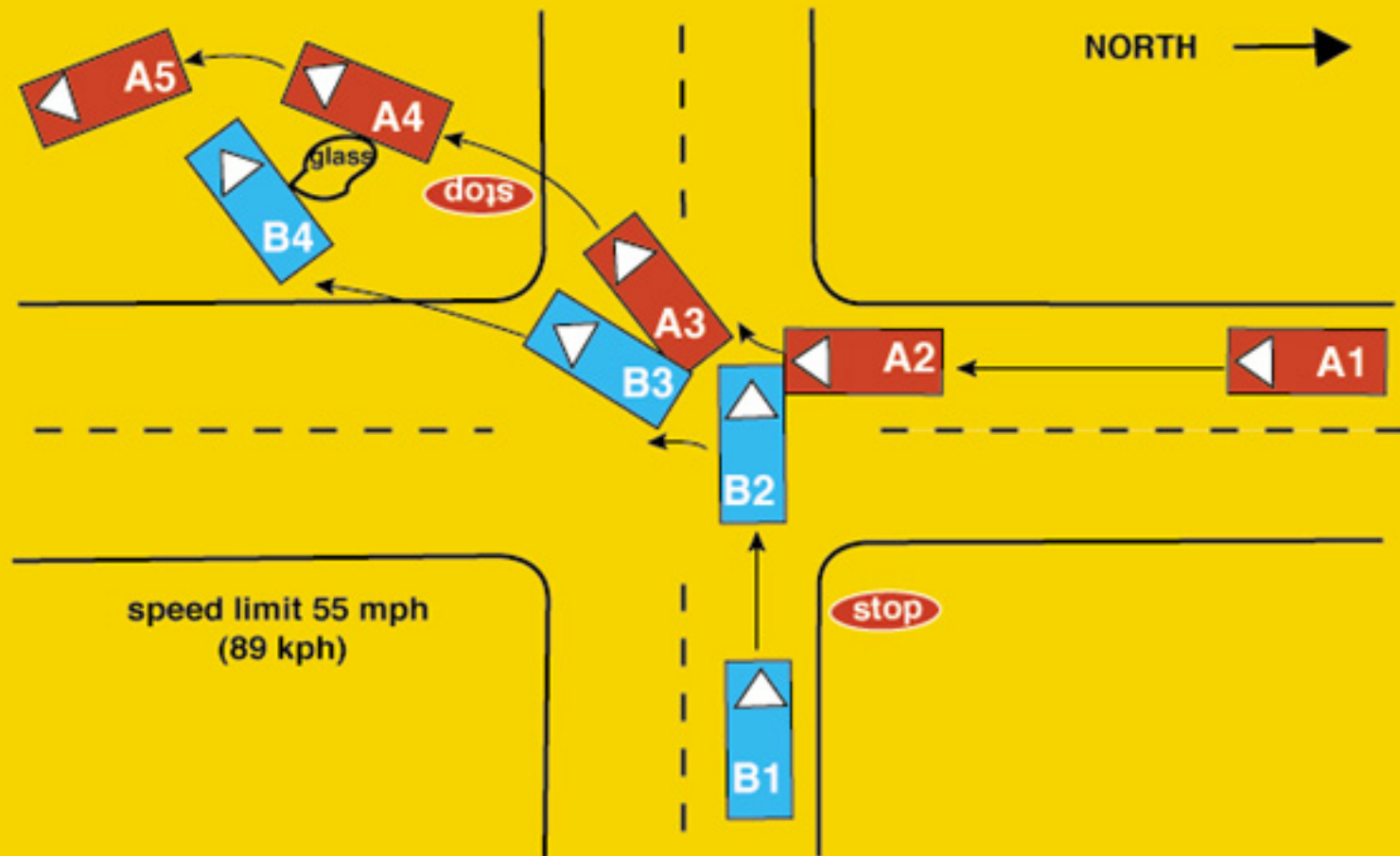
RESTRAINTS: 3-point belt

SEVERITY: MAIS - 1 ISS - 1



Case No.: 368-03
Case Veh. (A): 1999 Toyota
Type: Camry LE, 4-door sedan
Driver: 39-year-old female
Vehicle (B): 2002 Ford Taurus SES, 4-door sedan

Weather: Clear
Road Surface: Dry
Road Construction: Asphalt
Light Condition: Dawn



Vehicle Report

General

Conditions

Variable Number and Name	Code Value	Code Description	Other Options
V206 — Urban/Rural Area	2	Rural	more
V207 — Limited Access Highway	0	No	more
V208 — Road Total Lanes	2	2 lanes	more
V209 — Intersecting Road Total Lanes	2	2 lanes	more
V210 — Road Surface Type	1	Asphalt	more
V211 — Road Defects	0	No	more
V212 — Construction Zone	0	No	more
V213 — Road Alignment Vertical Plane	1	Level	more
V214 — Road Alignment Horizontal Plane	1	Straight	more
V215 — Surface Covering	10	Dry	more
V216 — Visibility Limitation	0	None	more
V217 — Visibility Obstruction	0	None	more
V218 — Speed Limit	6	86-90 km/h .. 55 mph	more
V219 — Precipitation Type	0	None	more
V220 — Precipitation Rate	8	Not applicable	more
V221 — Temperature	9	Unknown	more
V222 — Crosswind	9	Unknown	more
V223 — Light Conditions	2	Dawn	more
V224 — Mechanical Malfunction Mention	0	No	more
V225 — Case Vehicle and Object	0	No	more
V226 — Case Vehicle Rollover	0	No	more
V227 — Case Vehicle Ran Off Roadway	0	No	more

V228 — Moving Case Vehicle/Contacted Moving Vehicle	1	Yes	more
V229 — Case Vehicle/Contacted Stopped Vehicle	0	No	more
V230 — Stopped Case Vehicle/Contactd Vehicle	0	No	more
V231 — Total Vehicles Hit By Case Vehicle	1	1 vehicle	more
V232 — Any Fire in Crash	0	No	more
V233 — Max Police Severity-PAR	3	A - Incapacitating Injury	more
V234 — Driver Alcohol Involvement	0	Had not been drinking	more
V235 — Driver Alcohol BAC	80	Not tested	more
V236 — Driver Impairment Mention	0	No	more
V237 — Driven/Towed From Scene	2	Towed Due to Damage	more

Other Vehicle

Variable Number and Name	Code Value	Code Description	Other Options
V301 — Other Vehicle VIN	1FAFP55U82G1	—	—
V302 — Other Vehicle Manufacturer/Body Code	12128	—	—
V303 — Other Vehicle Manufacturer	121	Ford	more
V304 — Other Vehicle Body Code	28	Intermediate 105-109.9 in. wb.	more
V305 — Other Vehicle Make/Model	0275	Taurus	more
V306 — Other Vehicle Model Year	2002	—	—
V307 — Other Vehicle Mass	001603 kg	—	—
V308 — Other Vehicle Number	0	No separate report	more
V309 — Other Vehicle Number of Occupants	01	—	—
V310 — Other Vehicle Traveling Speed	999	Unknown	more
V311 — Highest Police Injury Severity	3	A - Incapacitating Injury	more
V312 — Other Vehicle Type	28	Intermediate 105-109.9 in. wb.	more
V313 — Other Vehicle Wheelbase (cm)	276 cm	—	—
V314 — Average Track Width	158 cm	—	—
V315 — Overall Length	503 cm	—	—
V316 — Overall Width (OAW)	185 cm	—	—
V317 — Front Overhang (FOH)	106 cm	—	—
V318 — Rear Overhang (ROH)	121 cm	—	—
V319 — Undeformed End Width (UEW)	148 cm	—	—
V320 — Engine Displacement	3.0 <i>l</i>	—	—
V321 — Engine: Number of Cylinders	06	—	—
V322 — Direct Damage Length (DDL)	999	Unknown	more
V323 — Front-End Overlap % (FEO)	99	Missing or Not applicable	more

V324 — Vehicle Overlap % (VOL)	99	Missing or Not applicable	more
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Case Vehicle

General

Variable Number and Name	Code Value	Code Description	Other Options
V401 — VIN	4T1BG22K3XU9	—	—
V402 — Manufacturer/Body Code	18327	—	—
V403 — Vehicle Manufacturer	183	Toyota/America	more
V404 — Vehicle Body Code	27	—	—
V405 — Make/Model Code	1610	Camry	more
V406 — Model Year	1999	—	—
V407 — Vehicle Mass	001360 kg	—	—
V408 — Odometer Reading	888888	—	—
V409 — Number of Occupants	04	—	—
V410 — Traveling Speed	999	Unknown	more
V411 — Body Type	14	4-door sedan	more
V412 — Stolen Vehicle	8	Not currently collected	more
V413 — Body Structure	2	Unitized	more
V414 — Transmission Type	1	Automatic	more
V415 — Transmission Lever Location	2	Console	more
V416 — Steering	1	Power	more
V417 — Brakes	1	Power	more
V418 — Brake Type	2	Disc - front wheels	more
V419 — Brake Anti-lock Device	2	Four-wheel	more

V420 — Air Conditioning in Vehicle	8	Not currently collected	more
V421 — Drive Type	2	Front wheel	more
V422 — Dual Rear Wheels	0	No	more
V423 — Original Restraint System Type	3	Airbag	more
V424 — Equipped With Roll Bar	0	No	more
V425 — Roof Type	1	Solid	more
V426 — Wheelbase	266 cm	—	—
V427 — Anti-lacerative Glass	0	None	more
V428 — Average Track Width	154 cm	—	—
V429 — Overall Length	480 cm	—	—
V430 — Overall Width (OAW)	178 cm	—	—
V431 — Front Overhang	098 cm	—	—
V432 — Rear Overhang	116 cm	—	—
V433 — Undeformed End Width (UEW)	162 cm	—	—
V434 — Engine Displacement	2.2 <i>l</i>	—	—
V435 — Engine: Number of Cylinders	04	—	—
V436 — Direct Damage Length (DDL)	052 cm	—	—
V437 — Front End Overlap % (FEO)	32	—	—
V438 — Vehicle Overlap % (VOL)	34	—	—

Case Vehicle

Damage

Description

Variable Number and Name	Code Value	Code Description	Other Options
V501 — Maximum Crush - Front	085 cm	—	—
V502 — Maximum Crush - Right Side	000 cm	No crush (or less than 1 cm.)	more
V503 — Maximum Crush - Rear	000 cm	No crush (or less than 1 cm.)	more
V504 — Maximum Crush - Left Side	032 cm	—	—
V505 — Maximum Crush - Roof	000 cm	No crush (or less than 1 cm.)	more
V506 — Maximum Crush - Other	000 cm	No crush (or less than 1 cm.)	more
V507 — Are Events In Chronological Order	1	Yes	more
V508 — Event 1 Impact Location	1	On Roadway	more
V509 — Event 1 Impact Configuration	22	LEFT of case veh - FRONT of contacted veh (type L)	more
V510 — Event 1 Object/Vehicle Contacted	28	Intermediate 105-109.9 in. wb.	more
V511 — Event 2 Impact Location	1	—	—
V512 — Event 2 Impact Configuration	23	LEFT of case veh - SIDE of cont veh (no sideswipe)	more
V513 — Event 2 Object/Vehicle Contacted	28	Intermediate 105-109.9 in. wb.	more
V514 — Event 3 Impact Location	8	No 3rd event	more
V515 — Event 3 Impact Configuration	88	No 3rd event	more
V516 — Event 3 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V517 — Event 4 Impact Location	8	No 4th event	more
V518 — Event 4 Impact Configuration	88	No 4th event	more

V519 — Event 4 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V520 — Event 5 Impact Location	8	No 5th event	more
V521 — Event 5 Impact Configuration	88	No 5th event	more
V522 — Event 5 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V523 — Event 6 Impact Location	8	No 6th event	more
V524 — Event 6 Impact Configuration	88	No 6th event	more
V525 — Event 6 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V526 — Event 7 Impact On Road	8	No 7th event	more
V527 — Event 7 Impact Configuration	88	No 7th event	more
V528 — Event 7 Object/Vehicle Contacted	00	No object/vehicle contacted	more
V529 — Primary CDC Case Vehicle -event Number	1	Event 1	more
V530 — Primary CDC Case Vehicle - impact speed	999	Unknown	more
V531 — Primary CDC Case Vehicle - Estimated By	1	Investigator	more
V532 — Primary CDC Case Vehicle -crush	085	—	—
V533 — Primary CDC Case Vehicle -clock #1	11	11 o'clock	more
V534 — Primary CDC Case Vehicle letter 1 #1	06	F - Front	more
V535 — Primary CDC Case Vehicle letter 2 #1	12	L - Left (Front or Rear)	more
V536 — Primary CDC Case Vehicle letter 3 #1	05	E - Everything below belt line	more
V537 — Primary CDC Case Vehicle letter 4 #1	23	W - Wide impact area	more
V538 — Primary CDC Case Vehicle Extent #1	02	Extent 2	more
V539 — Primary CDC Case Vehicle -CDC #1	11FLEW2	—	—

V541 — Primary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V542 — Primary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V543 — Primary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V544 — Primary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V545 — Primary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	more
V546 — Primary CDC Case Vehicle -CDC #2	9800000	—	—
V547 — Primary CDC Contacted Vehicle - Impact Speed	999	Unknown	more
V548 — Primary CDC Contacted Vehicle - Estimated By	1	Investigator	more
V549 — Primary CDC Contacted Vehicle -crush	054	—	—
V550 — Primary CDC Contacted Vehicle -clock #1	02	2 o'clock	more
V551 — Primary CDC Contacted Vehicle letter 1 #1	18	R - Right Side	more
V552 — Primary CDC Contacted Vehicle letter 2 #1	06	F - Side Front (Left or Right) or Front (forward of	more
V553 — Primary CDC Contacted Vehicle letter 3 #1	05	E - Everything below belt line	more
V554 — Primary CDC Contacted Vehicle letter 4 #1	23	W - Wide impact area	more
V555 — Primary CDC Contacted Vehicle Extent #1	03	Extent 3	more
V556 — Primary CDC Contacted Vehicle -CDC #1	02RFEW3	—	—
V558 — Primary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V559 — Primary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V560 — Primary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V561 — Primary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	more

V562 — Primary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	more
V563 — Primary CDC Contacted Vehicle -CDC #2	9800000	—	—
V564 — Secondary CDC Case Vehicle - Event No	1	Event 1	more
V565 — Secondary CDC Case Vehicle - Impact Speed	999	Unknown	more
V566 — Secondary CDC Case Vehicle - Estimated By	1	—	—
V567 — Secondary CDC Case Vehicle -crush	032	—	—
V568 — Secondary CDC Case Vehicle -clock #1	09	9 o'clock	more
V569 — Secondary CDC Case Vehicle letter 1 #1	12	L - Left Side	more
V570 — Secondary CDC Case Vehicle letter 2 #1	02	B - Side Rear (Left or Right)	more
V571 — Secondary CDC Case Vehicle letter 3 #1	05	E - Everything below belt line	more
V572 — Secondary CDC Case Vehicle letter 4 #1	23	W - Wide impact area	more
V573 — Secondary CDC Case Vehicle Extent #1	03	Extent 3	more
V574 — Secondary CDC Case Vehicle -CDC #1	09LBEW3	—	—
V576 — Secondary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V577 — Secondary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V578 — Secondary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V579 — Secondary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V580 — Secondary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	more
V581 — Secondary CDC Case Vehicle -CDC #2	9800000	—	—
V582 — Secondary CDC Contacted Vehicle - Impact Speed	999	Unknown	more

V583 — Secondary CDC Contacted Vehicle - Estimated By	1	—	—
V584 — Secondary CDC Contacted Vehicle -crush	224	—	—
V585 — Secondary CDC Contacted Vehicle -clock #1	03	3 o'clock	more
V586 — Secondary CDC Contacted Vehicle letter 1 #1	18	R - Right Side	more
V587 — Secondary CDC Contacted Vehicle letter 2 #1	26	Z - Side or end (B + P or R + C)	more
V588 — Secondary CDC Contacted Vehicle letter 3 #1	01	A - All	more
V589 — Secondary CDC Contacted Vehicle letter 4 #1	23	W - Wide impact area	more
V590 — Secondary CDC Contacted Vehicle Extent #1	03	Extent 3	more
V591 — Secondary CDC Contacted Vehicle -CDC #1	03RZAW3	—	—
V593 — Secondary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	more
V594 — Secondary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	more
V595 — Secondary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	more
V596 — Secondary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	more
V597 — Secondary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	more
V598 — Secondary CDC Contacted Vehicle -CDC #2	9800000	—	—

Crash Severity

Variable Number and Name	Code Value	Code Description	Other Options
V601 — Case Vehicle Primary Impact Number	1	—	—
V602 — Primary Impact Total Delta-V	027 kph	—	—
V603 — Primary Case Vehicle Reconstructed Longitudinal Delta-V	-021 kph	—	—
V604 — Primary Case Vehicle Reconstructed Lateral Delta-V	0017 kph	—	—
V605 — Primary Case Vehicle Reconstructed Crush Energy	0047 kJ	—	—
V606 — Primary Impact Case Vehicle -reconstruction	22	Reconstructed, moderate confidence level	more
V607 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	more
V608 — Primary Contacted Vehicle Reconstructed Total Delta-V	024 kph	—	—
V609 — Primary Contacted Vehicle Reconstructed Longitudinal Delta-V	-015 kph	—	—
V610 — Primary Contacted Vehicle Reconstructed Lateral Delta-V	-018 kph	—	—
V611 — Primary Contacted Vehicle Reconstructed Crush Energy	0066 kJ	—	—
V612 — Case Vehicle Secondary Impact Number	2	—	—
V613 — Secondary Case Vehicle Reconstructed Total Delta-V	017 kph	—	—
V614 — Secondary Case Vehicle Reconstructed Longitudinal Delta-V	0000 kph	—	—
V615 — Secondary Case Vehicle Reconstructed Lateral Delta-V	0017 kph	—	—
V616 — Secondary Case Vehicle Reconstructed Crush Energy	0036 kJ	—	—
V617 — Secondary Case Vehicle Reconstruction Note	22	Reconstructed, moderate confidence level	more

V618 — Secondary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	more
V619 — Secondary Contacted Vehicle Reconstructed Total Delta-V	015 kph	—	—
V620 — Secondary Contacted Vehicle Reconstructed Longitudinal Delta-V	0000 kph	—	—
V621 — Secondary Contacted Vehicle Reconstructed Lateral Delta-V	-015 kph	—	—
V622 — Secondary Contacted Vehicle Reconstructed Crush Energy	0028 kJ	—	—
V623 — Case Vehicle Primary Impact Number	1	—	—
V624 — Primary Case Vehicle Reconstructed Total EBS	027 kph	—	—
V625 — Primary Case Vehicle Reconstructed Longitudinal EBS	-021 kph	—	—
V626 — Primary Case Vehicle Reconstructed Lateral EBS	0017 kph	—	—
V627 — Primary Case Vehicle Reconstructed Crush Energy	0047 kJ	—	—
V628 — Primary Case Vehicle Reconstruction Note	22	Reconstructed, moderate confidence level	more
V629 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	more
V630 — Primary Contacted Vehicle Reconstruction Total EBS	024 kph	—	—
V631 — Primary Contacted Vehicle Reconstruction Longitudinal EBS	-015 kph	—	—
V632 — Primary Contacted Vehicle Reconstruction Lateral EBS	-018 kph	—	—
V633 — Primary Contacted Vehicle Reconstruction Crush Energy	0066 kJ	—	—
V634 — Case Vehicle Secondary Impact Number	2	—	—
V635 — Secondary Case Vehicle Reconstruction Total EBS	017 kph	—	—
V636 — Secondary Case Vehicle Reconstruction Longitudinal EBS	0000 kph	—	—
V637 — Secondary Case Vehicle Reconstruction Lateral EBS	0017 kph	—	—

V638 — Secondary Case Vehicle Reconstruction Crush Energy	0036 kJ	—	—
V639 — Secondary Case Vehicle Reconstruction Note	22	Reconstructed, moderate confidence level	more
V640 — Secondary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	more
V641 — Secondary Contacted Vehicle Reconstruction Total EBS	015 kph	—	—
V642 — Secondary Contacted Vehicle Reconstruction Longitudinal EBS	0000 kph	—	—
V643 — Secondary Contacted Vehicle Reconstruction Lateral EBS	-015 kph	—	—
V644 — Secondary Contacted Vehicle Reconstruction Crush Energy	0028 kJ	—	—
V645 — Case Vehicle Reconstructed Impact Number	1	—	—
V646 — Case Vehicle Impact 1 Plane	1	Bumper	more
V647 — Case Vehicle Impact 1 Direct Damage Length [DDL]	052 cm	—	—
V648 — Case Vehicle Impact 1 Max Crush	085 cm	—	—
V649 — Case Vehicle Impact 1 Field-L	117 cm	—	—
V650 — Case Vehicle Impact 1 C1	051 cm	—	—
V651 — Case Vehicle Impact 1 C2	017 cm	—	—
V652 — Case Vehicle Impact 1 C3	016 cm	—	—
V653 — Case Vehicle Impact 1 C4	013 cm	—	—
V654 — Case Vehicle Impact 1 C5	008 cm	—	—
V655 — Case Vehicle Impact 1 C6	000 cm	No Crush	more
V656 — Case Vehicle Impact 1 +/- D	-049 cm	—	—
V657 — Case Vehicle Reconstructed Impact Number	2	—	—
V658 — Case Vehicle Impact 2 Plane	4	Above sill	more
V659 — Case Vehicle Impact 2 Direct Damage Length [DDL]	080 cm	—	—
V660 — Case Vehicle Impact 2 Max	032 cm	—	—

Crush			
V661 — Case Vehicle Impact 2 Field-L	112 cm	—	—
V662 — Case Vehicle Impact 2 C1	018 cm	—	—
V663 — Case Vehicle Impact 2 C2	032 cm	—	—
V664 — Case Vehicle Impact 2 C3	030 cm	—	—
V665 — Case Vehicle Impact 2 C4	016 cm	—	—
V666 — Case Vehicle Impact 2 C5	002 cm	—	—
V667 — Case Vehicle Impact 2 C6	000 cm	No Crush	more
V668 — Case Vehicle Impact 2 +/- D	-177 cm	—	—
V669 — Other Vehicle Reconstructed Impact Number	1	—	—
V670 — Other Vehicle Impact 1 Plane	4	Above sill	more
V671 — Other Vehicle Impact 1 Direct Damage Length [DDL]	114 cm	—	—
V672 — Other Vehicle Impact 1 Max Crush	054 cm	—	—
V673 — Other Vehicle Impact 1 Field-L	124 cm	—	—
V674 — Other Vehicle Impact 1 C1	000 cm	No Crush	more
V675 — Other Vehicle Impact 1 C2	009 cm	—	—
V676 — Other Vehicle Impact 1 C3	017 cm	—	—
V677 — Other Vehicle Impact 1 C4	039 cm	—	—
V678 — Other Vehicle Impact 1 C5	050 cm	—	—
V679 — Other Vehicle Impact 1 C6	054 cm	—	—
V680 — Other Vehicle Impact 1 +/- D	0179 cm	—	—
V681 — Other Vehicle Reconstructed Impact Number	2	—	—
V682 — Other Vehicle Impact 2 Plane	4	Above sill	more
V683 — Other Vehicle Impact 2 Direct Damage Length [DDL]	180 cm	—	—
V684 — Other Vehicle Impact 2 Max Crush	024 cm	—	—

V685 — Other Vehicle Impact 2 Field-L	206 cm	—	—
V686 — Other Vehicle Impact 2 C1	016 cm	—	—
V687 — Other Vehicle Impact 2 C2	024 cm	—	—
V688 — Other Vehicle Impact 2 C3	012 cm	—	—
V689 — Other Vehicle Impact 2 C4	010 cm	—	—
V690 — Other Vehicle Impact 2 C5	010 cm	—	—
V691 — Other Vehicle Impact 2 C6	002 cm	—	—
V692 — Other Vehicle Impact 2 +/- D	-102 cm	—	—

Case Vehicle

Tires & Rims

Variable Number and Name	Code Value	Code Description	Other Options
V701 — Left Front Wheel Damaged	1	Yes	more
V702 — Right Front Wheel Damaged	0	No	more
V703 — Right Rear Wheel Damaged	0	No	more
V704 — Left Rear Wheel Damaged	0	No	more
V705 — Left Front Tire Tread Type	4	All Weather	more
V706 — Right Front Tire Tread Type	4	All Weather	more
V707 — Right Rear Tire Tread Type	4	All Weather	more
V708 — Left Rear Tire Tread Type	4	All Weather	more
V709 — Left Front Carcass Construction	3	Radial	more
V710 — Right Front Carcass Construction	3	Radial	more
V711 — Right Rear Carcass Construction	3	Radial	more
V712 — Left Rear Carcass Construction	3	Radial	more
V717 — Left Front Tire Size	P19570R14	—	—
V718 — Right Front Tire Size	P19570R14	—	—
V719 — Right Rear Tire Size	P19570R14	—	—
V720 — Left Rear Tire Size	P19570R14	—	—

Case Vehicle

Fuel, Tank, Fire

Variable Number and Name	Code Value	Code Description	Other Options
V801 — Propulsive Fuel Type	1	Gasoline	more
V802 — Main Tank Location	322	Within frame/centered laterally - within vertically	more
V803 — Main Filler Cap Location	113	Left of frame laterally - above vertically	more
V804 — Main Tank Material	9	Unknown	more
V805 — Aux Tank Type	8	Not applicable (not equipped)	more
V806 — Aux Tank Location	888	Not applicable (not equipped)	more
V807 — Aux Filler Cap Location	888	Not applicable (not equipped)	more
V808 — Aux Tank Material	8	Not applicable	more
V901 — Fuel Leakage From Crash	0	No	more
V1001 — Fire In Or On Case Vehicle	0	No	more

Case Vehicle

Exterior

Variable Number and Name	Code Value	Code Description	Other Options
V1101 — Hood Latch Released	1	Yes	more
V1102 — Hood Latch Damaged	1	Yes	more
V1103 — Hood Latch Jammed	0	No	more
V1104 — Left Hood Hinge Damaged	1	Yes	more
V1105 — Left Hood Hinge Separated	1	Yes	more
V1106 — Right Hood Hinge Damaged	1	Yes	more
V1107 — Right Hood Hinge Separated	0	No	more
V1108 — Hood Remained On Vehicle	1	Yes	more
V1109 — Rear Hood Edge Elevated	1	Yes	more
V1110 — Edge Contacted Windshield	0	No	more
V1111 — Edge Penetrated Windshield	8	Not applicable	more
V1112 — Hood Latch Location	1	Front of Vehicle	more
V1113 — Eng/Transmissn Mount Separation	0	No	more
V1114 — Steerng Column Flex Coupling	9	Unknown if equipped	more
V1115 — Steerng Column Coupling Damaged	9	Unknown	more
V1116 — Steerng Column Coupling Separated	9	Unknown	more
V1117 — Eng Comp Telescopng Unit	88	Not collected	more
V1118 — Comp Orig/Telescopd Diff	888	Not collected	more

V1119 — Left Side Body Mount Separation	8	Not applicable (unitized)	more
V1120 — Upper Left A-pillar Separation	4	No separation, but damaged	more
V1121 — Lower Left A-pillar Separation	4	No separation, but damaged	more
V1122 — Upper Left B-pillar Separation	4	No separation, but damaged	more
V1123 — Lower Left B-pillar Separation	4	No separation, but damaged	more
V1124 — Upper Left C-pillar Separation	4	No separation, but damaged	more
V1125 — Lower Left C-pillar Separation	4	No separation, but damaged	more
V1126 — Upper Left D-pillar Separation	8	Not applicable (not equipped)	more
V1127 — Lower Left D-pillar Separation	8	Not applicable (not equipped)	more
V1128 — Left Front Door Opening Cause	0	Door did not open	more
V1129 — Left Rear Door Opening Cause	0	Door did not open	more
V1130 — Left Front Door Jammed Closed	1	Yes	more
V1131 — Left Rear Door Jammed Closed	0	No	more
V1132 — Rear Door Type	0	No door (includes pickups)	more
V1133 — Rear Door Opening Cause	8	Not applicable (no rear door)	more
V1134 — Rear Door Jammed Closed	8	Not applicable (no rear door)	more
V1135 — Luggage Partition Damagd	8	Not applicable	more
V1136 — Spare Tire Status	8	Not collected	more
V1137 — Trailer Hitch Type	0	No hitch	more
V1138 — Trailer Type	0	No trailer	more
V1139 — Right Side Body Mount Separation	8	Not applicable (unitized)	more

V1140 — Upper Right A-pillar Separation	0	No	more
V1141 — Lower Right A-pillar Separation	0	No	more
V1142 — Upper Right B-pillar Separation	0	No	more
V1143 — Lower Right B-pillar Separation	0	No	more
V1144 — Upper Right C-pillar Separation	0	No	more
V1145 — Lower Right C-pillar Separation	0	No	more
V1146 — Upper Right D-pillar Separation	8	Not applicable (not equipped)	more
V1147 — Lower Right D-pillar Separation	8	Not applicable (not equipped)	more
V1148 — Right Front Door Opening Cause	00	Door did not open	more
V1149 — Right Rear Door Opening Cause	00	Door did not open	more
V1150 — Right Front Door Jammed Closed	0	No	more
V1151 — Right Rear Door Jammed Closed	0	No	more
V1152 — Van Rear Door Type	8	Not applicable (not a van)	more
V1153 — Windshield Cracked		Yes	more
V1154 — Windshield Broken	1	Yes	more
V1155 — Windshield Cracked or Broken by Occupant	0	No	more
V1156 — Bond Separation Extent	2	21 - 40%	more
V1157 — Windshield Code		—	—
V1158 — Did Sun/T Roof Open	8	Not Applicable	more

Case Vehicle

Steering

Column/Rim

Variable Number and Name	Code Value	Code Description	Other Options
V1201 — Steering Wheel Rim Damage	1	Deformed slightly	more
V1202 — Number of Steering Wheel Spokes	4	4 spokes	more
V1203 — Steering Wheel Spoke Damage	1	Deformed slightly	more
V1204 — Column Tilt Feature	1	Yes, equipped (position unknown)	more
V1205 — Column Swing-away Feature	0	Not equipped	more
V1206 — Column Telescoping Feature	0	Not equipped	more
V1207 — Wheel Energy Absorb Device	8	Not collected	more
V1208 — Wheel Ea Orig/Damaged Diff	888	Not collected	more
V1209 — Column Energy Absorb Device	88	Not collected	more
V1210 — Column Ea Orig/Comprss Diff	888	Not collected	more
V1211 — Shear Capsule Separation	888	Not collected	more
V1212 — Column Vertical Rotation	0	No apparent rotation	more
V1213 — Column Lateral Rotation	0	No apparent rotation	more
V1214 — Steering Wheel Hub Damage	0	None	more

Case Vehicle

Intrusion

Variable Number and Name	Code Value	Code Description	Other Options
V1301 — Occupant Compartment Intrusion	1	Yes	more
V1302 — Was Intrusion Catastrophic	0	No	more
V1303 — Intrusion Number 01	01	Intrusion #1	more
V1304 — Intrusion 01 Occupant Space Number	11	First row, Left seat	more
V1305 — Intrusion 01 Intruding Object	29	Side footwell panel (kickpanel)	more
V1306 — Intrusion 01 Assoc Event Number	1	Event #1	more
V1307 — Intrusion 01 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1308 — Intrusion 01 Max Intrusion Y-axis	04 cm	—	—
V1309 — Intrusion 01 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1310 — Intrusion 01 Occupant Number	00	No contact or no intrusion	more
V1311 — Intrusion 01 Injury Number	00	No injury or no intrusion	more
V1312 — Intrusion 01 Occupant Number	00	No contact or no intrusion	more
V1313 — Intrusion 01 Injury Number	00	No injury or no intrusion	more
V1314 — Intrusion Number 02	02	Intrusion #2	more
V1315 — Intrusion 02 Occupant Space Number	11	First row, Left seat	more
V1316 — Intrusion 02 Intruding Object	03	Toe pan	more
V1317 — Intrusion 02 Assoc Event Number	1	Event #1	more

V1318 — Intrusion 02 Max Intrusion X-axis	18 cm	—	—
V1319 — Intrusion 02 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1320 — Intrusion 02 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1321 — Intrusion 02 Occupant Number	00	No contact or no intrusion	more
V1322 — Intrusion 02 Injury Number	00	No injury or no intrusion	more
V1323 — Intrusion 02 Occupant Number	00	No contact or no intrusion	more
V1324 — Intrusion 02 Injury Number	00	No injury or no intrusion	more
V1325 — Intrusion Number 03	03	Intrusion #3	more
V1326 — Intrusion 03 Occupant Space Number	11	First row, Left seat	more
V1327 — Intrusion 03 Intruding Object	15	Roof or convertible top	more
V1328 — Intrusion 03 Assoc Event Number	1	Event #1	more
V1329 — Intrusion 03 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1330 — Intrusion 03 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1331 — Intrusion 03 Max Intrusion Z-axis	07 cm	—	—
V1332 — Intrusion 03 Occupant Number	00	No contact or no intrusion	more
V1333 — Intrusion 03 Injury Number	00	No injury or no intrusion	more
V1334 — Intrusion 03 Occupant Number	00	No contact or no intrusion	more
V1335 — Intrusion 03 Injury Number	00	No injury or no intrusion	more
V1336 — Intrusion Number 04	04	Intrusion #4	more
V1337 — Intrusion 04 Occupant Space Number	11	First row, Left seat	more
V1338 — Intrusion 04 Intruding	08	A-pillar	more

Object			
V1339 — Intrusion 04 Assoc Event Number	1	Event #1	more
V1340 — Intrusion 04 Max Intrusion X-axis	13 cm	—	—
V1341 — Intrusion 04 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1342 — Intrusion 04 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1343 — Intrusion 04 Occupant Number	00	No contact or no intrusion	more
V1344 — Intrusion 04 Injury Number	00	No injury or no intrusion	more
V1345 — Intrusion 04 Occupant Number	00	No contact or no intrusion	more
V1346 — Intrusion 04 Injury Number	00	No injury or no intrusion	more
V1347 — Intrusion Number 05	00	No Intrusion, None	more
V1348 — Intrusion 05 Occupant Space Number	00	No Intrusion, None	more
V1349 — Intrusion 05 Intruding Object	00	No Intrusion, None	more
V1350 — Intrusion 05 Assoc Event Number	0	No Intrusion, None	more
V1351 — Intrusion 05 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1352 — Intrusion 05 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1353 — Intrusion 05 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1354 — Intrusion 05 Occupant Number	00	No contact or no intrusion	more
V1355 — Intrusion 05 Injury Number	00	No injury or no intrusion	more
V1356 — Intrusion 05 Occupant Number	00	No contact or no intrusion	more
V1357 — Intrusion 05 Injury Number	99	Contact, injury unknown or data not collected	more
V1358 — Intrusion Number 06	00	No Intrusion, None	more

V1359 — Intrusion 06 Occupant Space Number	00	No Intrusion, None	more
V1360 — Intrusion 06 Intruding Object	00	No Intrusion, None	more
V1361 — Intrusion 06 Assoc Event Number	0	No Intrusion, None	more
V1362 — Intrusion 06 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1363 — Intrusion 06 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1364 — Intrusion 06 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1365 — Intrusion 06 Occupant Number	00	No contact or no intrusion	more
V1366 — Intrusion 06 Injury Number	00	No injury or no intrusion	more
V1367 — Intrusion 06 Occupant Number	00	No contact or no intrusion	more
V1368 — Intrusion 06 Injury Number	99	Contact, injury unknown or data not collected	more
V1369 — Intrusion Number 07	00	No Intrusion, None	more
V1370 — Intrusion 07 Occupant Space Number	00	No Intrusion, None	more
V1371 — Intrusion 07 Intruding Object	00	No Intrusion, None	more
V1372 — Intrusion 07 Assoc Event Number	0	No Intrusion, None	more
V1373 — Intrusion 07 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1374 — Intrusion 07 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1375 — Intrusion 07 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1376 — Intrusion 07 Occupant Number	00	No contact or no intrusion	more
V1377 — Intrusion 07 Injury Number	00	No injury or no intrusion	more
V1378 — Intrusion 07 Occupant Number	00	No contact or no intrusion	more

V1379 — Intrusion 07 Injury Number	99	Contact, injury unknown or data not collected	more
V1380 — Intrusion Number 08	00	No Intrusion, None	more
V1381 — Intrusion 08 Occupant Space Number	00	No Intrusion, None	more
V1382 — Intrusion 08 Intruding Object	00	No Intrusion, None	more
V1383 — Intrusion 08 Assoc Event Number	0	No Intrusion, None	more
V1384 — Intrusion 08 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1385 — Intrusion 08 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1386 — Intrusion 08 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1387 — Intrusion 08 Occupant Number	00	No contact or no intrusion	more
V1388 — Intrusion 08 Injury Number	00	No injury or no intrusion	more
V1389 — Intrusion 08 Occupant Number	00	No contact or no intrusion	more
V1390 — Intrusion 08 Injury Number	99	Contact, injury unknown or data not collected	more
V1391 — Intrusion Number 09	00	No Intrusion, None	more
V1392 — Intrusion 09 Occupant Space Number	00	No Intrusion, None	more
V1393 — Intrusion 09 Intruding Object	00	No Intrusion, None	more
V1394 — Intrusion 09 Assoc Event Number	0	No Intrusion, None	more
V1395 — Intrusion 09 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1396 — Intrusion 09 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1397 — Intrusion 09 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1398 — Intrusion 09 Occupant Number	00	No contact or no intrusion	more
V1399 — Intrusion 09 Injury	00	No injury or no intrusion	more

Number			
V1400 — Intrusion 09 Occupant Number	00	No contact or no intrusion	more
V1401 — Intrusion 09 Injury Number	99	Contact, injury unknown or data not collected	more
V1402 — Intrusion Number 10	00	No Intrusion, None	more
V1403 — Intrusion 10 Occupant Space Number	00	No Intrusion, None	more
V1404 — Intrusion 10 Intruding Object	00	No Intrusion, None	more
V1405 — Intrusion 10 Assoc Event Number	0	No Intrusion, None	more
V1406 — Intrusion 10 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	more
V1407 — Intrusion 10 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	more
V1408 — Intrusion 10 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	more
V1409 — Intrusion 10 Occupant Number	00	No contact or no intrusion	more
V1410 — Intrusion 10 Injury Number	00	No injury or no intrusion	more
V1411 — Intrusion 10 Occupant Number	00	No contact or no intrusion	more
V1412 — Intrusion 10 Injury Number	99	Contact, injury unknown or data not collected	more
V1413 — Door Intrusion Number 01	88	Not Applicable	more
V1414 — Door Intrusion Number 01 Cause	8	Not applicable	more
V1415 — Door Intrusion Number 02	88	Not Applicable	more
V1416 — Door Intrusion Number 02 Cause	8	Not applicable	more
V1417 — Door Intrusion Number 03	88	Not Applicable	more
V1418 — Door Intrusion Number 03 Cause	8	Not applicable	more
V1419 — Door Intrusion 01	88	Not Applicable	more

Component			
V1420 — Door Intrusion 01 Component Damaged 1	8	Not Applicable	more
V1421 — Door Intrusion 01 Component Damaged 2	8	Not Applicable	more
V1422 — Door Intrusion 02 Component	88	Not Applicable	more
V1423 — Door Intrusion 02 Component Damaged 1	8	Not Applicable	more
V1424 — Door Intrusion 02 Component Damaged 2	8	Not Applicable	more
V1425 — Door Intrusion 03 Component	88	Not Applicable	more
V1426 — Door Intrusion 03 Component Damaged 1	8	Not Applicable	more
V1427 — Door Intrusion 03 Component Damaged 2	8	Not Applicable	more
V1428 — Door Intrusion 04 Component	88	Not Applicable	more
V1429 — Door Intrusion 04 Component Damaged 1	8	Not Applicable	more
V1430 — Door Intrusion 04 Component Damaged 2	8	Not Applicable	more

Case Vehicle

Airbag(s)

Variable Number and Name	Code Value	Code Description	Other Options
V1501 — Driver Airbag Equipped	1	Yes	more
V1502 — Driver Airbag Deployed	1	Yes	more
V1503 — Driver Airbag Condition	0	No Damage	more
V1504 — Passenger Airbag Equip	1	Yes	more
V1505 — Passenger Airbag Deployed	1	Yes	more
V1506 — Passenger Airbag Condition	0	No Damage	more
V1507 — Steering Wheel Airbag Tether	1	Yes	more
V1508 — Driver Airbag Marked By Contact	1	Yes	more
V1509 — Passenger Airbag Tether	0	No	more
V1510 — Passenger Airbag Marked By Contact	0	No	more

Case Vehicle

Interior

Variable Number and Name	Code Value	Code Description	Other Options
V1601 — Left Front Door Damaged	4	Yes, occupant contact	more
V1602 — Right Front Door Damaged	0	No	more
V1603 — Left Front Hardware Damaged	1	Yes	more
V1604 — Right Front Hardware Damaged	0	No	more
V1605 — Left Front Armrest Damaged	1	Yes	more
V1606 — Right Front Armrest Damaged	0	No	more
V1607 — Left Front Glass Damaged	1	Yes	more
V1608 — Right Front Glass Damaged	0	No	more
V1609 — Left Rear Door Area Damaged	4	Yes, occupant contact	more
V1610 — Right Rear Door Area Damaged	0	No	more
V1611 — Left Rear Hardware Damaged	0	No	more
V1612 — Right Rear Hardware Damaged	0	No	more
V1613 — Left Rear Armrest Damaged	0	No	more
V1614 — Right Rear Armrest Damaged	0	No	more
V1615 — Left Rear Glass Damaged	1	Yes	more
V1616 — Right Rear Glass Damaged	0	No	more
V1617 — Left Roof Side Rail Damaged	1	Yes	more

V1618 — Right Roof Side Rail Damaged	0	No	more
V1619 — Left B-pillar Damaged	0	No	more
V1620 — Right B-pillar Damaged	0	No	more
V1621 — Left C-pillar Damaged	0	No	more
V1622 — Right C-pillar Damaged	0	No	more
V1623 — Left D-pillar Damaged	8	Not applicable	more
V1624 — Right D-pillar Damaged	8	Not applicable	more
V1625 — Left Headlining Damaged	1	Yes	more
V1626 — Right Headlining Damaged	0	No	more
V1627 — Left Roof Structure Damaged	1	Yes	more
V1628 — Right Roof Structure Damaged	0	No	more
V1629 — Left T/Sun Roof Damaged	8	Not applicable	more
V1630 — Right T/Sun Roof Damaged	8	Not applicable	more
V1631 — Other Left Side Item Damaged	8	Not applicable	more
V1632 — Other Right Side Item Damaged	8	Not applicable	more
V1633 — Foot Controls Damaged	1	Yes	more
V1634 — Ignition Key Damaged	1	Yes	more
V1635 — Rear View Mirror Damaged	0	No	more
V1636 — Sunvisor/Fitting Damaged	0	No	more
V1637 — Windshield Molding Damaged	0	No	more
V1638 — Left A-pillar Damaged	1	Yes	more
V1639 — Right A-pillar Damaged	0	No	more
V1640 — Center Console Damaged	4	Yes, occupant contact	more

V1641 — Transmission Lever Damaged	0	No	more
V1642 — Horn/Spoke Shroud Damaged	0	No	more
V1643 — Upper Panel Damaged	1	Yes	more
V1644 — Mid Panel Damaged	1	Yes	more
V1645 — Lower Panel Damaged	4	Yes, occupant contact	more
V1646 — Ashtray Damaged	0	No	more
V1647 — Control Knob/Lever Damaged	0	No	more
V1648 — Glove Compartment Area Damaged	1	Yes	more
V1649 — Instruments Damaged	0	No	more
V1650 — Park Brake Release Damaged	1	Yes	more
V1651 — Park Brake Pedal Damaged	1	Yes	more
V1652 — A/C Or Upper Vent Damaged	0	No	more
V1653 — Heater Or A/C Duct Damaged	0	No	more
V1654 — Radio Damaged	0	No	more
V1655 — Other Item Damaged	8	Not applicable	more
V1656 — Rear Window Damaged	1	Yes	more
V1657 — Rear Window Header Damaged	0	No	more
V1658 — Vertical Console Damaged	1	Yes	more
V1659 — Roof Console Damaged	0	No	more

Case Vehicle

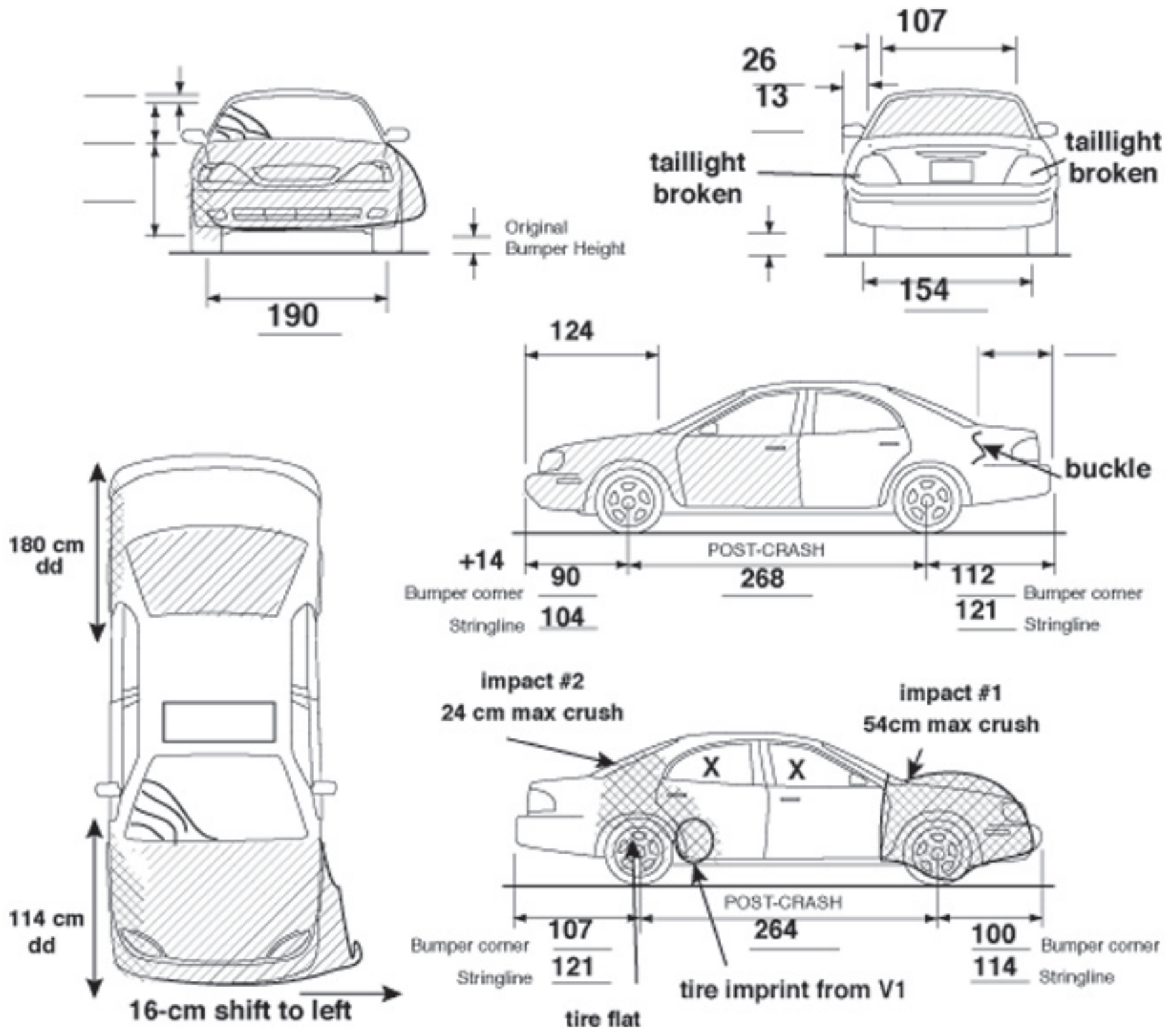
Seats

Variable Number and Name	Code Value	Code Description	Other Options
V1701 — Driver Front Seat Type	05	Bucket	more
V1702 — Passenger Front Seat Type	05	Bucket	more
V1703 — Driver Seat Mount Type	1	Standard	more
V1704 — Passenger Seat Mount Type	1	Standard	more
V1705 — Driver Swivel Mechanism Equipped	0	No	more
V1706 — Passenger Swivel Mechanism Equipped	0	No	more
V1707 — Driver Seat Original Equipment	1	Yes	more
V1708 — Passenger Seat Original Equipment	1	Yes	more
V1709 — Driver Seat/Rear Occupant Contact	1	Yes	more
V1710 — Passenger Seat/Rear Occupant Contact	1	Yes	more
V1711 — Driver Seat Damage	1	Backrest only damaged	more
V1712 — Passenger Seat Damage	0	None	more
V1713 — Center Front Armrest Damaged	1	Yes	more
V1714 — Driver Seat Rotation	5	Multiple rotations	more
V1715 — Passenger Seat Rotation	0	None apparent	more
V1716 — Driver Seat-back Type	3	Reclining	more
V1717 — Passenger Seat-back Type	3	Reclining	more
V1718 — Driver Seat-back Lock Type	1	Manual	more
V1719 — Passenger Seat-back Lock Type	1	Manual	more
V1720 — Driver Seat-back Lock Held	1	Yes	more
V1721 — Passenger Seat-back Lock Held	1	Yes	more
V1722 — Driver Recliner Mechanism Held	1	Yes	more

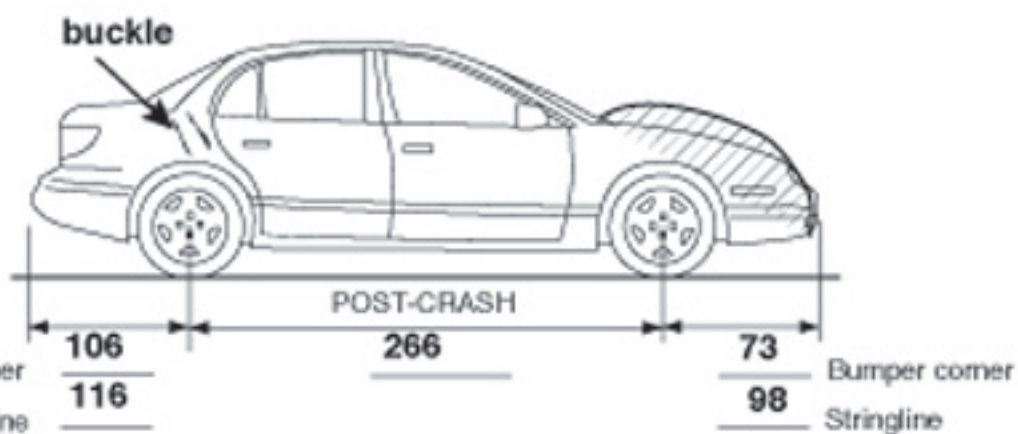
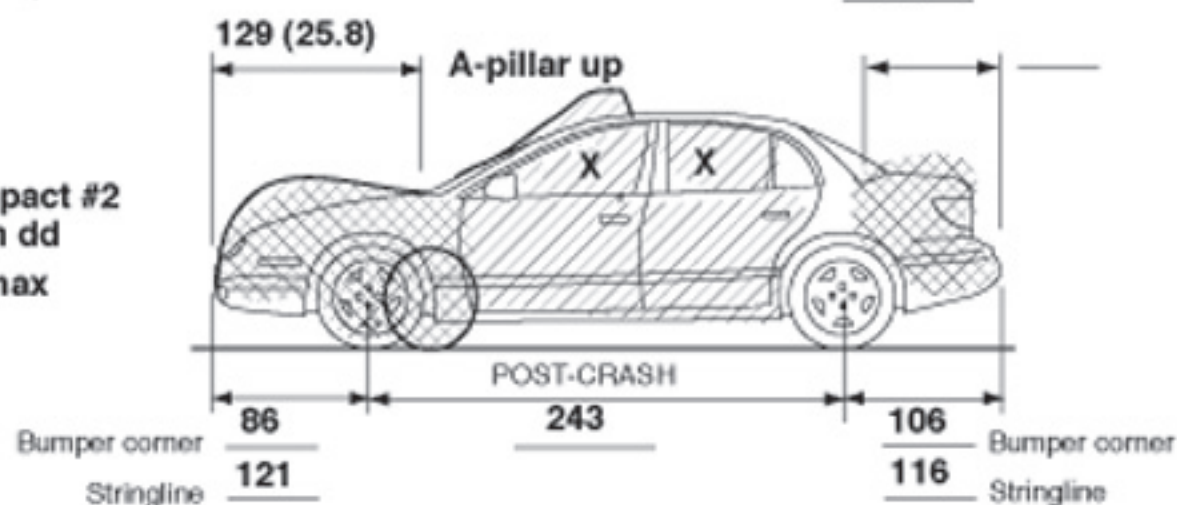
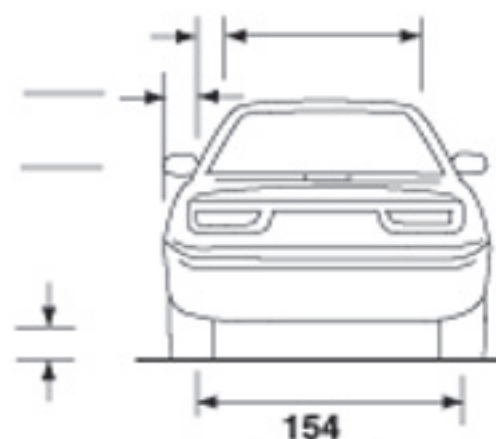
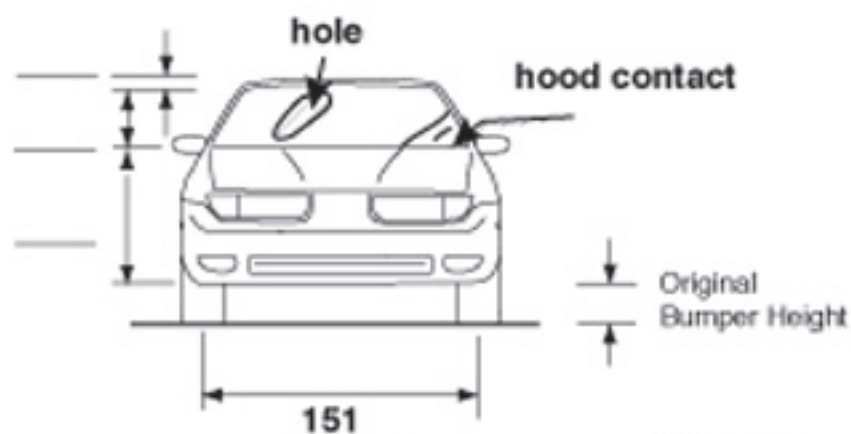
V1723 — Passenger Recliner Mechanism Held	1	Yes	more
V1724 — Driver Head Restraint Type	1	Adjustable	more
V1725 — Passenger Head Restraint Type	1	Adjustable	more
V1726 — Driver Head Rest Removed	0	No	more
V1727 — Passenger Head Rest Removed	0	No	more
V1728 — Driver Head Rest Adjustment	2	Down	more
V1729 — Passenger Head Rest Adjustment	2	Down	more
V1730 — Driver Head Rest Damage	0	None	more
V1731 — Passenger Head Rest Damage	0	None	more
V1732 — Driver Seat Adjustment Type	2	Power	more
V1733 — Passenger Seat Adjustment Type	1	Manual	more
V1734 — Driver Seat Adjustment Provided	3	6-way	more
V1735 — Passenger Seat Adjustment Provided	1	2-way	more
V1736 — Driver Seat Adjuster Damage	9	Unknown	more
V1737 — Passenger Seat Adjuster Damage	0	None	more
V1738 — Driver Seat Adjuster Separation	9	Unknown	more
V1739 — Passenger Seat Adjuster Separation	8	Not applicable	more
V1740 — Driver Seat Pre-crash Position	9	Unknown	more
V1741 — Passenger Seat Pre-crash Position	3	Rearward	more
V1742 — Left Rear Seat Type	6	Luggage area access panel	more
V1743 — Right Rear Seat Type	6	Luggage area access panel	more
V1744 — Left Rear Seat Damaged	0	None	more
V1745 — Right Rear Seat Damaged	0	None	more
V1746 — Center Rear Armrest Damaged	0	No	more
V1747 — Left Rear Seat-back Left Lock Equipped	1	Yes	more
V1748 — Right Rear Seat-back Left Lock Equipped	0	No	more

V1749 — Left Rear Seat-back Left Lock Held	1	Yes	more
V1750 — Right Rear Seat-back Left Lock Held	8	Not applicable	more
V1751 — Left Rear Seat-back Right Lock Equipped	0	No	more
V1752 — Right Rear Seat-back Right Lock Equipped	1	Yes	more
V1753 — Left Rear Seat-back Right Lock Held	8	Not applicable	more
V1754 — Right Rear Seat-back Right Lock Held	1	Yes	more
V1755 — Left 3rd Seat Equipped	0	No	more
V1756 — Right 3rd Seat Equipped	0	No	more
V1757 — Left 3rd Seat Backrest Damaged	8	Not applicable	more
V1758 — Right 3rd Seat Backrest Damaged	8	Not applicable	more
V1759 — Left 3rd Seat Cushion Damaged	8	Not applicable	more
V1760 — Right 3rd Seat Cushion Damaged	8	Not applicable	more
V1761 — Rear Head Restraints	1	Equipped	more

MEASUREMENTS IN CENTIMETERS

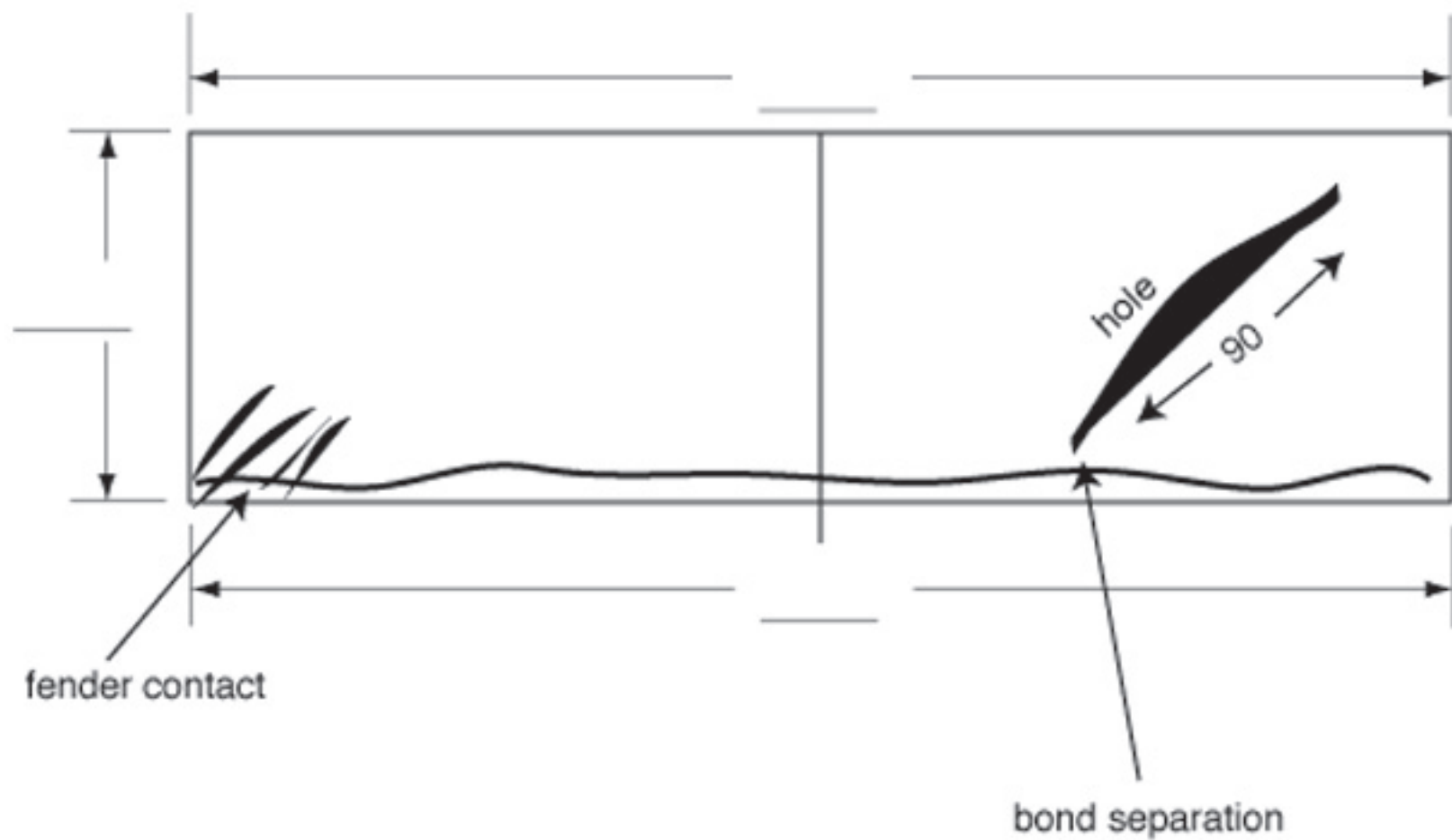


MEASUREMENTS IN CENTIMETERS



WINDSHIELD MARK ON CASE VEHICLE:

Unknown



1 = Definitely 2 = Probably 3 = Possible

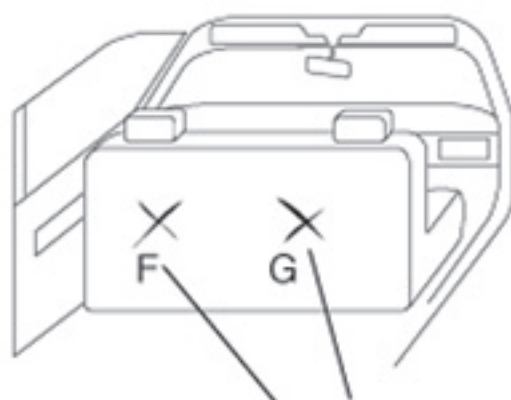
INTRUSION IT-1

Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)					Dominant Crush Direction
		Comparison Value	–	Intruded Value	=	Intrusion	
11	Kickpanel	48	–	44	=	4	To right
11	Toe pan	74	–	56	=	18	To rear
11	Roof		–		=	7	Down
11	A-pillar	83	–	70	=	13	To rear
			–		=		
			–		=		
			–		=		
			–		=		
			–		=		
			–		=		
			–		=		
			–		=		
			–		=		
			–		=		

OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Driver door	1	Side	Bowed out	1
B	Airbag	1	Face	Pink Lipstick	1
C	Knee bolster	1	Knee	2 scuff marks	1
D	Top left rear door panel	2	Side	Scuff mark	1
E	Center floor console	2,3	Legs	Broken	1
F	Rear of driver seat	2	Body	Scuff	1
G	Rear of right front seat	3	Body	Scuff	1

seat pushed forward and
to the left

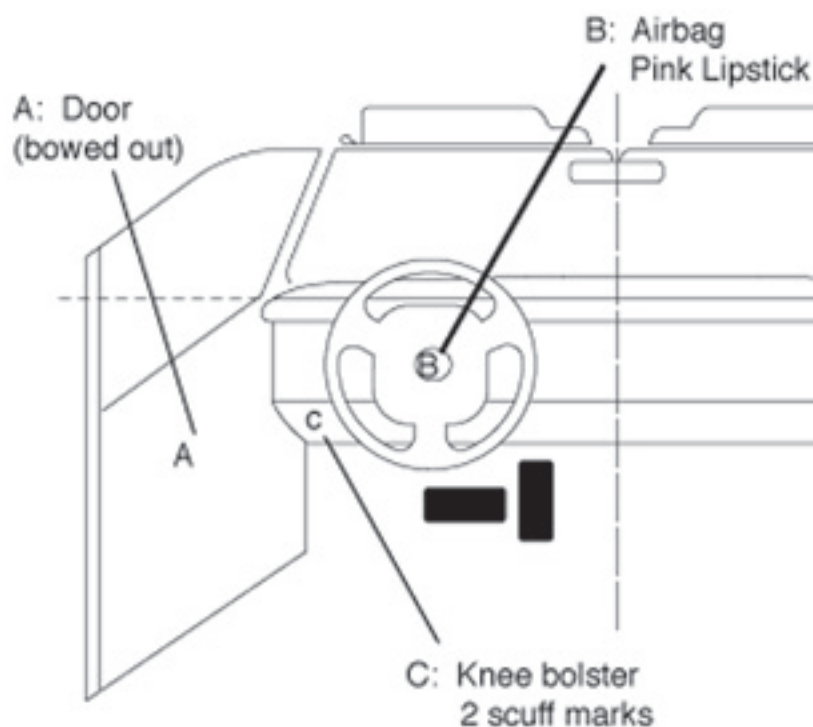


F & G: scuff marks

E:
center floor
console broken

belts:
driver - pretensioner fired and belt extended
left-rear - marks on sliding-latch plate
right-front - pretensioner fired and belt retracted
right-rear - no evidence

D: scuff, top of left
rear door panel



Airbag Number: 45165-06040

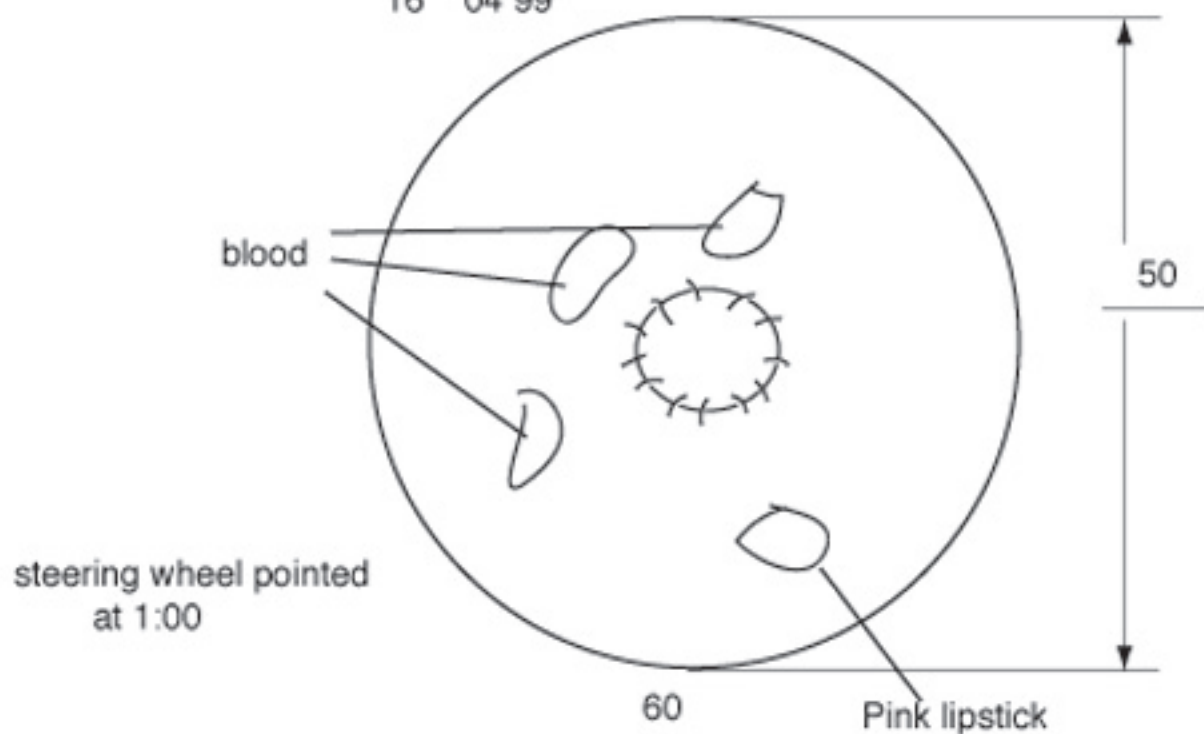
0005 538

R238 R239

16 04 99

Driver Airbag

assembled in Mexico
with USA components



Vents: ☒ Y ☐ N

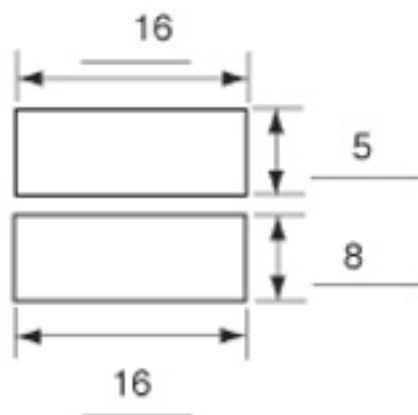
if yes, how many: 2

vents at 11 and 1 o'clock

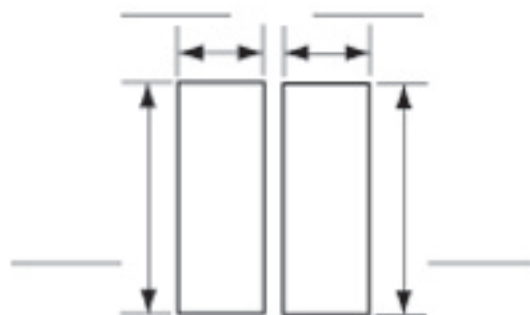
Tethers: ☒ Y ☐ N

if yes, how many: 1

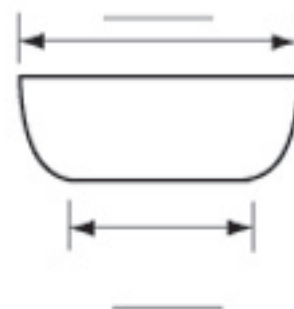
Driver Airbag Doors



H-Pattern

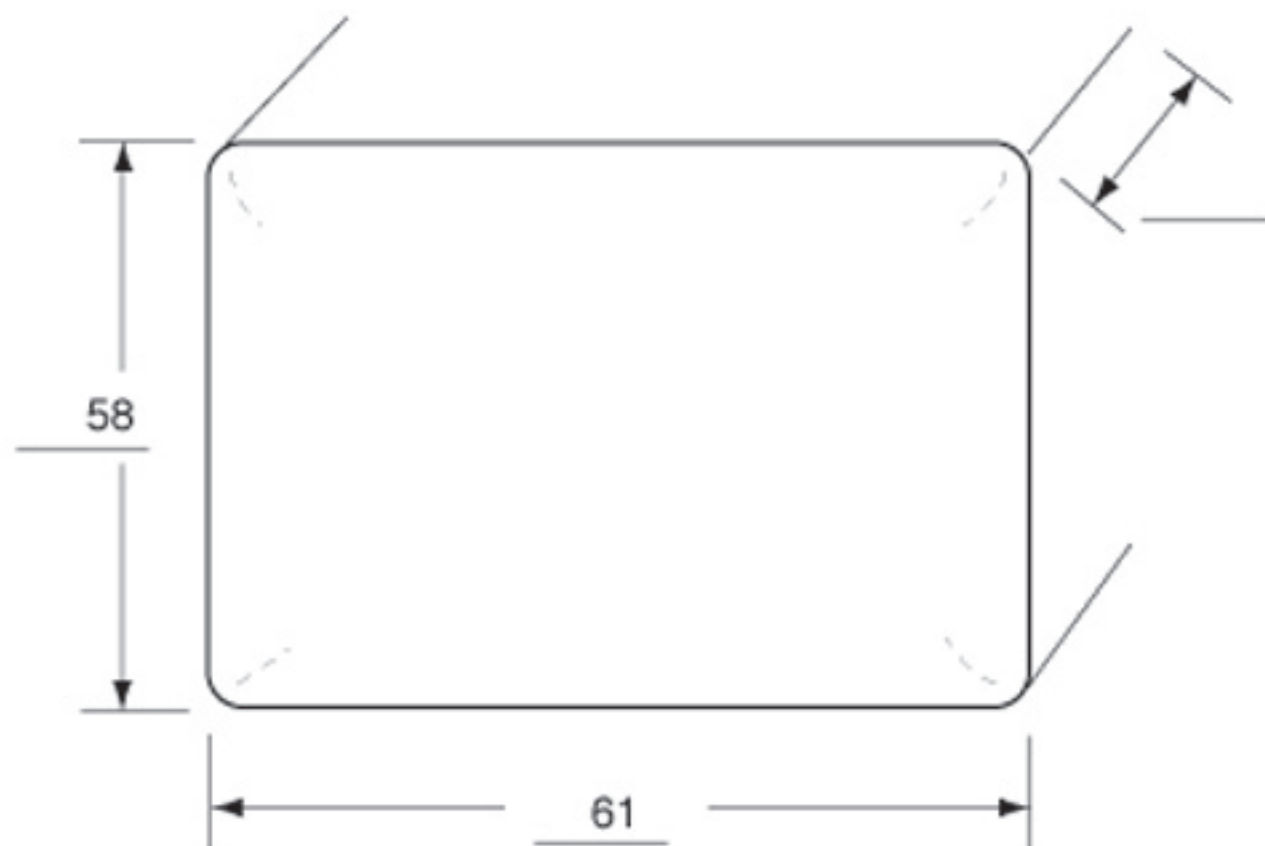


I-Pattern



Single Door

Passenger Airbag

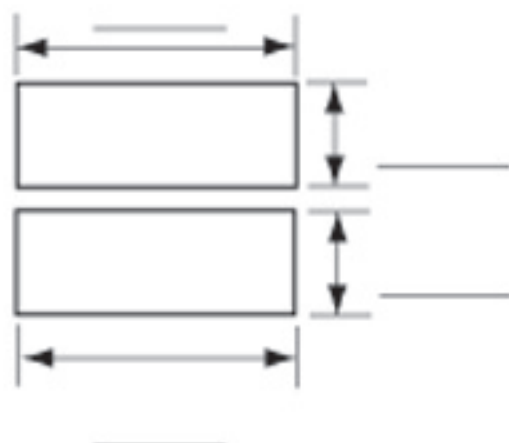


Vents: Y ☒ N
if yes, how many: _____

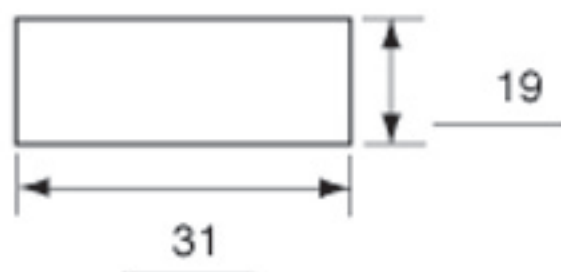
Tethers: Y ☒ N
if yes, how many: _____

Passenger Airbag Doors

H-Pattern



Single Door



Case # 368: Occupant # 1; Injury # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	01	Injury #1	more
V2102 — 1st Prob Contact Area	87	Air cushion skin "airbag"	more
V2103 — 2nd Prob Contact Area	22	Window glass (side)	more
V2104 — Primary OIC -body Region	06	Face	more
V2105 — Primary OIC -aspect	19	Superior/upper	more
V2106 — Primary OIC -lesion	03	Contusion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	FSCI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 368: Occupant # 1; Injury # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	02	Injury #2	more
V2102 — 1st Prob Contact Area	87	Air cushion skin "airbag"	more
V2103 — 2nd Prob Contact Area	22	Window glass (side)	more
V2104 — Primary OIC -body Region	06	Face	more
V2105 — Primary OIC -aspect	12	Left	more
V2106 — Primary OIC -lesion	12	Laceration	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	FLLI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 368: Occupant # 1; Injury # 3

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	03	Injury #3	more
V2102 — 1st Prob Contact Area	87	Air cushion skin "airbag"	more
V2103 — 2nd Prob Contact Area	22	Window glass (side)	more
V2104 — Primary OIC -body Region	06	Face	more
V2105 — Primary OIC -aspect	12	Left	more
V2106 — Primary OIC -lesion	01	Abrasion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	FLAI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 368: Occupant # 1; Injury # 4

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	04	Injury #4	more
V2102 — 1st Prob Contact Area	22	Window glass (side)	more
V2103 — 2nd Prob Contact Area	52	Internal flying glass (from any source)	more
V2104 — Primary OIC -body Region	08	Head/skull	more
V2105 — Primary OIC -aspect	12	Left	more
V2106 — Primary OIC -lesion	01	Abrasion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	HLAI 1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 368: Occupant # 1; Injury # 5

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	05	Injury #5	more
V2102 — 1st Prob Contact Area	48	Knee restraint	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	11	Knee	more
V2105 — Primary OIC -aspect	18	Right	more
V2106 — Primary OIC -lesion	03	Contusion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	KRCI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 368: Occupant # 1; Injury # 6

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	06	Injury #6	more
V2102 — 1st Prob Contact Area	48	Knee restraint	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	11	Knee	more
V2105 — Primary OIC -aspect	12	Left	more
V2106 — Primary OIC -lesion	03	Contusion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	KLCI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 368: Occupant # 2; Injury # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	01	Injury #1	more
V2102 — 1st Prob Contact Area	29	Front seat-back(s)	more
V2103 — 2nd Prob Contact Area	20	Surface of side interior	more
V2104 — Primary OIC -body Region	06	Face	more
V2105 — Primary OIC -aspect	03	Central	more
V2106 — Primary OIC -lesion	18	Rupture	more
V2107 — Primary OIC -system/Organ	01	Arteries	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	FCRA1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 368: Occupant # 2; Injury # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	02	Injury #2	more
V2102 — 1st Prob Contact Area	29	Front seat-back(s)	more
V2103 — 2nd Prob Contact Area	20	Surface of side interior	more
V2104 — Primary OIC -body Region	06	Face	more
V2105 — Primary OIC -aspect	03	Central	more
V2106 — Primary OIC -lesion	01	Abrasion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	FCAI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 368: Occupant # 2; Injury # 3

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	03	Injury #3	more
V2102 — 1st Prob Contact Area	29	Front seat-back(s)	more
V2103 — 2nd Prob Contact Area	20	Surface of side interior	more
V2104 — Primary OIC -body Region	06	Face	more
V2105 — Primary OIC -aspect	12	Left	more
V2106 — Primary OIC -lesion	01	Abrasion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	FLAI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 368: Occupant # 2; Injury # 4

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	04	Injury #4	more
V2102 — 1st Prob Contact Area	29	Front seat-back(s)	more
V2103 — 2nd Prob Contact Area	20	Surface of side interior	more
V2104 — Primary OIC -body Region	06	Face	more
V2105 — Primary OIC -aspect	12	Left	more
V2106 — Primary OIC -lesion	01	Abrasion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	FLAI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 368: Occupant # 2; Injury # 5

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	05	Injury #5	more
V2102 — 1st Prob Contact Area	29	Front seat-back(s)	more
V2103 — 2nd Prob Contact Area	20	Surface of side interior	more
V2104 — Primary OIC -body Region	14	Neck	more
V2105 — Primary OIC -aspect	16	Posterior/back	more
V2106 — Primary OIC -lesion	20	Strain	more
V2107 — Primary OIC -system/Organ	13	Muscles	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	NPTM1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 368: Occupant # 2; Injury # 6

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	06	Injury #6	more
V2102 — 1st Prob Contact Area	29	Front seat-back(s)	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	11	Knee	more
V2105 — Primary OIC -aspect	12	Left	more
V2106 — Primary OIC -lesion	01	Abrasion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	KLAI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 368: Occupant # 2; Injury # 7

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	07	Injury #7	more
V2102 — 1st Prob Contact Area	29	Front seat-back(s)	more
V2103 — 2nd Prob Contact Area	20	Surface of side interior	more
V2104 — Primary OIC -body Region	06	Face	more
V2105 — Primary OIC -aspect	12	Left	more
V2106 — Primary OIC -lesion	03	Contusion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	FLCI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 368: Occupant # 3; Injury # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	01	Injury #1	more
V2102 — 1st Prob Contact Area	34	Restraint system webbing	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	03	Chest	more
V2105 — Primary OIC -aspect	12	Left	more
V2106 — Primary OIC -lesion	01	Abrasion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	CLAI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 368: Occupant # 3; Injury # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	02	Injury #2	more
V2102 — 1st Prob Contact Area	27	Console on floor or between seats	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	12	Leg (lower)	more
V2105 — Primary OIC -aspect	12	Left	more
V2106 — Primary OIC -lesion	12	Laceration	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	LLLI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 368: Occupant # 4; Injury # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	01	Injury #1	more
V2102 — 1st Prob Contact Area	34	Restraint system webbing	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	14	Neck	more
V2105 — Primary OIC -aspect	18	Right	more
V2106 — Primary OIC -lesion	01	Abrasion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	NRAI 1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 368: Occupant # 4; Injury # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	02	Injury #2	more
V2102 — 1st Prob Contact Area	34	Restraint system webbing	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	03	Chest	more
V2105 — Primary OIC -aspect	18	Right	more
V2106 — Primary OIC -lesion	03	Contusion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	CRCI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 368: Occupant # 4; Injury # 3

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	03	Injury #3	more
V2102 — 1st Prob Contact Area	34	Restraint system webbing	more
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	more
V2104 — Primary OIC -body Region	16	Pelvic/hip	more
V2105 — Primary OIC -aspect	18	Right	more
V2106 — Primary OIC -lesion	03	Contusion	more
V2107 — Primary OIC -system/Organ	09	Integumentary	more
V2108 — Primary OIC -severity	1	Minor	more
V2109 — Primary OIC	PRCI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	more
V2111 — Assoc OIC 1 -aspect	99	No injury	more
V2112 — Assoc OIC 1 -lesion	99	No injury	more
V2113 — Assoc OIC 1 -system/Organ	99	No injury	more
V2114 — Assoc OIC 1 -severity	9	Unknown	more
V2115 — Assoc OIC 1	—	—	—

Case # 368: Occupant # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	01	Occupant #1	more
V2002 — Occupant Role At 1st Impact	1	Motor vehicle driver	more
V2003 — Occupant Position -row	1	1st row	more
V2004 — Occupant Position -lateral	1	Left	more
V2005 — Occupant Position -posture	10	Sitting on seat	more
V2006 — Occupant Age In Years	39	—	—
V2007 — Occupant Age In Months	25	25 months or older	more
V2008 — Occupant Mass	070 kg	—	—
V2009 — Occupant Height	168 cm	—	—
V2010 — Occupant Sex	2	Female	more
V2011 — Occupant Treatment/Mortality	02	Treated at hospital/clinic but not admitted	more
V2012 — Injury Severity Score	01	ISS 1	more
V2013 — Non-impact Med Condition	0	None	more
V2014 — Police Injury Severity	2	B - Non-incapacitating Injury	more
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	more
V2016 — Active Restraint Usage	3	Both lap belt and shoulder harness	more
V2017 — Passive Restraint System	1	Air bag installed	more
V2018 — Passive Restraint Usage	2	Air bag deployed	more
V2019 — Child Seat Type	88	Not applicable (adult or older child)	more
V2020 — Occupant Ejection Degree	0	None	more
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	more

V2022 — Highest OIC Severity	1	Minor	more
V2023 — Head Restraint Available	1	Equipped	more
V2024 — Occupant Eyewear	9	Unknown	more
V2025 — Source of Occupant Info	1	Hospital	more

Case # 368: Occupant # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	02	Occupant #2	more
V2002 — Occupant Role At 1st Impact	2	Motor vehicle passenger	more
V2003 — Occupant Position -row	2	2nd row	more
V2004 — Occupant Position -lateral	1	Left	more
V2005 — Occupant Position -posture	10	Sitting on seat	more
V2006 — Occupant Age In Years	13	—	—
V2007 — Occupant Age In Months	25	25 months or older	more
V2008 — Occupant Mass	045 kg	—	—
V2009 — Occupant Height	999	Unknown	more
V2010 — Occupant Sex	2	Female	more
V2011 — Occupant Treatment/Mortality	02	Treated at hospital/clinic but not admitted	more
V2012 — Injury Severity Score	03	ISS 3	more
V2013 — Non-impact Med Condition	0	None	more
V2014 — Police Injury Severity	1	C - Possible injury	more
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	more
V2016 — Active Restraint Usage	0	None (available but not used)	more
V2017 — Passive Restraint System	0	None	more
V2018 — Passive Restraint Usage	8	Not applicable (not originally equipped)	more
V2019 — Child Seat Type	88	Not applicable (adult or older child)	more
V2020 — Occupant Ejection Degree	0	None	more
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	more

V2022 — Highest OIC Severity	1	Minor	more
V2023 — Head Restraint Available	1	Equipped	more
V2024 — Occupant Eyewear	9	Unknown	more
V2025 — Source of Occupant Info	1	Hospital	more

Case # 368: Occupant # 3

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	03	Occupant #3	more
V2002 — Occupant Role At 1st Impact	2	Motor vehicle passenger	more
V2003 — Occupant Position -row	2	2nd row	more
V2004 — Occupant Position -lateral	3	Center	more
V2005 — Occupant Position -posture	10	Sitting on seat	more
V2006 — Occupant Age In Years	10	—	—
V2007 — Occupant Age In Months	25	25 months or older	more
V2008 — Occupant Mass	999	Unknown	more
V2009 — Occupant Height	999	Unknown	more
V2010 — Occupant Sex	1	Male	more
V2011 — Occupant Treatment/Mortality	02	Treated at hospital/clinic but not admitted	more
V2012 — Injury Severity Score	01	ISS 1	more
V2013 — Non-impact Med Condition	0	None	more
V2014 — Police Injury Severity	1	C - Possible injury	more
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	more
V2016 — Active Restraint Usage	3	Both lap belt and shoulder harness	more
V2017 — Passive Restraint System	0	None	more
V2018 — Passive Restraint Usage	8	Not applicable (not originally equipped)	more
V2019 — Child Seat Type	88	Not applicable (adult or older child)	more
V2020 — Occupant Ejection Degree	0	None	more
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	more

V2022 — Highest OIC Severity	1	Minor	more
V2023 — Head Restraint Available	0	Not Equipped or Removed	more
V2024 — Occupant Eyewear	9	Unknown	more
V2025 — Source of Occupant Info	1	Hospital	more

Case # 368: Occupant # 4

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	04	Occupant #4	more
V2002 — Occupant Role At 1st Impact	2	Motor vehicle passenger	more
V2003 — Occupant Position -row	2	2nd row	more
V2004 — Occupant Position -lateral	5	Right	more
V2005 — Occupant Position -posture	10	Sitting on seat	more
V2006 — Occupant Age In Years	11	—	—
V2007 — Occupant Age In Months	25	25 months or older	more
V2008 — Occupant Mass	999	Unknown	more
V2009 — Occupant Height	999	Unknown	more
V2010 — Occupant Sex	1	Male	more
V2011 — Occupant Treatment/Mortality	02	Treated at hospital/clinic but not admitted	more
V2012 — Injury Severity Score	01	ISS 1	more
V2013 — Non-impact Med Condition	0	None	more
V2014 — Police Injury Severity	1	C - Possible injury	more
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	more
V2016 — Active Restraint Usage	3	Both lap belt and shoulder harness	more
V2017 — Passive Restraint System	0	None	more
V2018 — Passive Restraint Usage	8	Not applicable (not originally equipped)	more
V2019 — Child Seat Type	88	Not applicable (adult or older child)	more
V2020 — Occupant Ejection Degree	0	None	more
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	more

V2022 — Highest OIC Severity	1	Minor	more
V2023 — Head Restraint Available	1	Equipped	more
V2024 — Occupant Eyewear	9	Unknown	more
V2025 — Source of Occupant Info	1	Hospital	more

















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